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UTAH STATE UNIVERSITY
summer '71

OFFICE OF THE SUMMER QUARTER

The Office of the Summer Quarter is located in Old Main, Room 105; telephone 753-4100, extensions 7776 and 7777. The office is open Monday through Friday from 8:00 a.m. to 5:00 p.m.

COVER

The cover photograph is a view from the front of Old Main looking south over Cache Valley. The USU campus abounds with magnificent floral planters and malls that add to the beauty of its cool, luxuriant landscaping.

Utah State University Bulletin, Volume 71, Number 14, September, 1971. Issued 18 times a year at Logan, Utah 84321: Twice in January, March, May, July, September and November; once in February, April, June, August, October and December. Second-class postage paid at Logan, Utah. HP-9M

1971

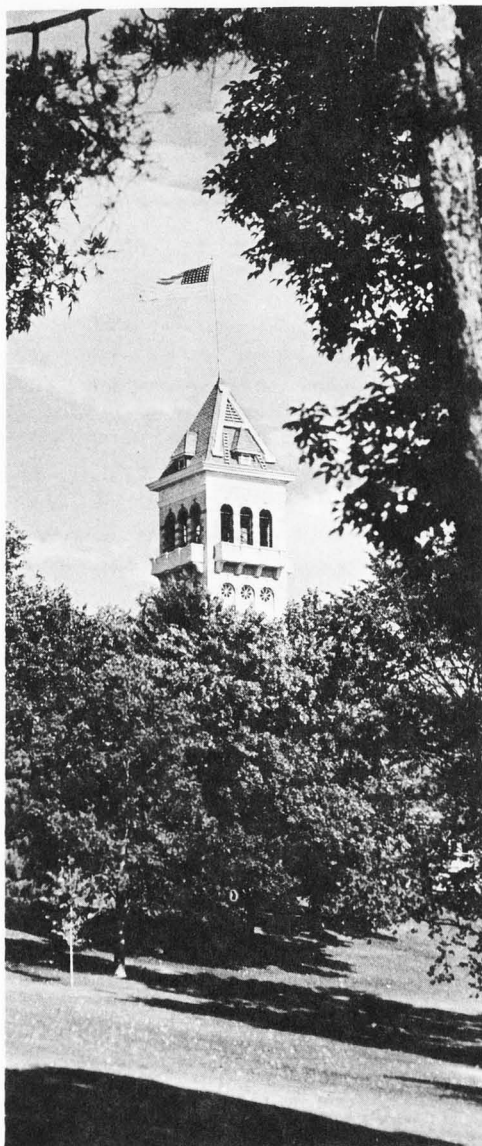
SUMMER QUARTER

UTAH STATE UNIVERSITY

Quarter: June 14-August 20

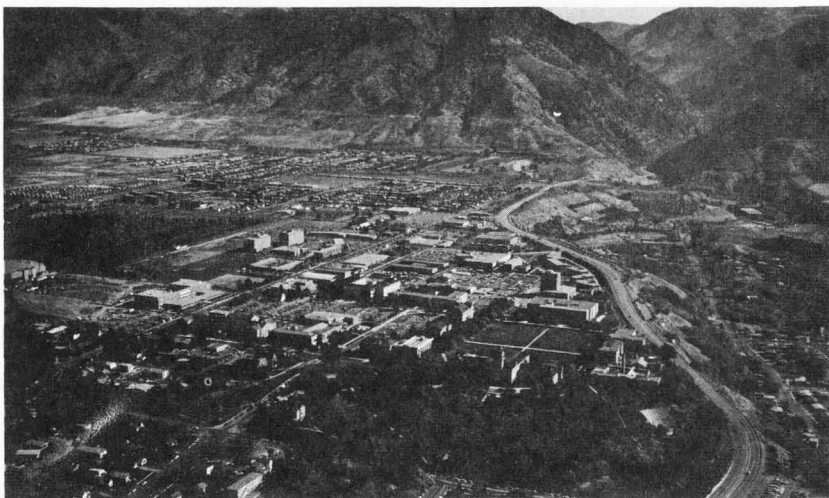
1st Session: June 14-July 16

2nd Session: July 19-August 20



Old Main

*Utah's Land Grant University
founded in 1888 at Logan, Utah.*



A Year-Round University

The Campus

Summer Quarter is the first of the four-quarter academic year at Utah State University. It is regarded as the *Opportunity Quarter* because of its provisions for a number of special opportunities for students at all collegiate levels. It consists of ten weeks of regular full-quarter programs and two sessions of five weeks each. Some classes meet daily, others only on specified days.

Course offerings in the Summer Quarter enable *high school students* who have completed their junior year to initiate programs in the University that may be appropriately credited upon completion of high school and proper university admission. *High school graduates* may begin their general education and professional programs. *University undergraduates* may continue their coursework toward early completion. *Graduate students* may profitably take advantage of the opportunity to initiate, continue, and complete master's and doctorate programs. Other *adults and special students* will find a wealth of enrichment courses, lectures, workshops, conferences, and seminars. *Teachers, counselors, supervisors, and administrators* may meet certification requirements, or upgrade and supplement previous training if advanced degrees have been completed or are not immediately practicable.

Both national and international centers of higher learning are well represented by a distinguished faculty of resident and visiting scholars, carefully selected to complement the varied schedule of classes. Concern for individual growth characterizes the employment of instructional media and methodology in all forms of teacher-learning situations.

Accreditation. Utah State University is a member of the national Commission on Accreditation. Its curricula are fully accredited by the Northwest Association of Secondary and Higher Schools. The University also holds membership in the National Association of Summer Sessions and Western Association of Summer Session Administrators.

CONTENTS

A Year-Round University	2
Officers of Administration	4
Utah State Board of Higher Education	5
USU Institutional Council	5
Programs of Special Interest	6
General Information	
Admission	23
Summer Quarter Fees	25
Registration for Classes	27
Grades and Grading	29
University Library	30
Programs of Study	
Undergraduate	31
Graduate	31
Division of General Registration	32
Conference and Institute Division	32
Office of School Services	32
Student Services	
Dean of Women	33
Housing Facilities	33
Counseling Center	33
Health Service	33
Foreign Student Adviser	34
Employment Placement	34
Parking	35
Postal Service	35
Financial Aid	35
Recreational and Cultural Opportunities	36
Worship in the Church of your Choice	40
Distinguished Visiting Faculty	41
Course Numbering Code	47
Schedule of Classes	48-65
Map of the University	67
Application for Admission	71

OFFICERS OF ADMINISTRATION

President of the University	Glen L. Taggart	Main 116
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Assistant to the President for Development and Special Projects	Gerald R. Sherratt	Main 116
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Assistant Provost for Institutional Analysis and Planning	Lee B. Stenquist	Main 120
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Director, Summer Quarter	Ellvert H. Himes	Main 105
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Dean, College of Education	Oral L. Ballam	Ed 201
Dean, College of Engineering	Dean F. Peterson, Jr.	Engrg C110
Dean, College of Family Life	Phyllis R. Snow	FL 201
Dean, College of Humanities, Arts and Social Sciences	M. Judd Harmon	Main 131
Dean, College of Natural Resources	Thadis W. Box	F Z 106
Dean, College of Science	Ralph M. Johnson	F Z 101

Utah State Board of Higher Education

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Merrill J. Millett, *Roosevelt*
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USU Institutional Council

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Jane Tibbals, *Salt Lake City*
William R. Stockdale, *ex-officio, Ogden*
L. Mark Neuberger, *Secretary to the Council, Logan*

PROGRAMS OF SPECIAL INTEREST

USU SCHOLARSHIP ENRICHMENT PROGRAM

Summer Quarter, 1971, will be the focal point of a program for promoting scholarship on the Utah State University campus. The program is a unique approach in higher education to make the offerings of the University more relevant to the "real world" in terms of preparation of students for employment by recognition and study of the underlying and interrelated issues confronting society today.

Cooperating to make this venture a success are: the Woodrow Wilson Scholarship Committee, the Honors Program, the Fulbright Committee, the Danforth Committee, the Merrill Library and Learning Resources Program, the Student Placement Center, and the following departments: Language and Philosophy, Economics, Sociology, Social-Work, Anthropology, Physics, Mathematics, Agricultural Engineering and Secondary Education.

It is planned that these cooperating groups will each bring to the USU campus two visitors during the Summer Quarter. The first person will be a specialist within the field represented by the department who has achieved national recognition in promoting scholarship in his professional field. The second person will be a representative of a large corporation that hires students from the various disciplines.

These guests will meet and exchange ideas with faculty and graduate students by discussing content and methods of teaching subject matter as related to the issues of a specific body of knowledge in application as solutions to societal problems. It is hoped that this discourse will challenge the participant to develop an inquiring mind whose creativity will lead to a more comprehensive utilization of the resources of the University.

While on the campus many of these distinguished visitors will present public lectures on timely topics of interest.

One of those already selected for an appearance is Dr. Ronald Rouse, National Director for the Woodrow Wilson Fellowship Foundation. (See Visiting Faculty section for this catalog for information concerning Dr. Rouse.) Other guests will be announced at a later date.

*-R. Welling Roskelley,
Coordinator*

BASIL HANSEN LECTURE SERIES



Dr. Basil Hansen is pictured (left) as he was presented a plaque by a former student, Dr. Marvin Picollo, announcing the initiation of the lecture series in his honor. The pictorial display at the bottom shows Dr. Walter Talbot during his presentation to graduate students and faculty.



*Educational Administration special event
Two per Summer Quarter, dates to be announced
For all interested parties, no charge, non-credit*

The lecture series was initiated in 1970 by former students of Dr. Basil Hansen, Professor of Educational Administration. These recent graduates who now hold responsible positions in school districts throughout the country return to the USU campus. They discuss, in both lecture and informal discussion format, their experiences in the "real world" of public school administration. Answering questions from current students and the general public they relate their training at USU to the situations confronting educational leaders in today's schools.

Recent participants in the Series have been: Dr. Kenny Guinn, superintendent of schools, Las Vegas, Nevada; Dr. Walter Talbot, superintendent of schools for the State of Utah; and Dr. Marvin Picollo, superintendent of schools, Reno, Nevada.

EDITH BOWEN LABORATORY SCHOOL



Children who attend the Edith Bowen Laboratory School Summer Session will have a wide range of educational and social experiences. Children who will be five by October 31, 1971, to age $7\frac{1}{2}$, will be placed into two parallel groups where activities will be based on the philosophy of the British Primary School.

This program will be set up to help children progress from unstructured to structured and purposeful activities, and then to mastery of academic skills through application. In this type of organization, the classroom is a genuine democracy, a microcosm of the world in which children and teachers prepare for future living by experiencing a full and rich life.

Two parallel groups of children ages $7\frac{1}{2}$ to $9\frac{1}{2}$ years, and two parallel groups of children ages $9\frac{1}{2}$ to 13 years, will also be organized. These children will have many real life experiences with places and people in Bridgerland.

Through field trips to points of interest in Cache Valley, children will acquire a keen awareness of their physical environment. They will gain a greater appreciation of the beauty and wonders of our natural world. Children will come to realize their individual and group responsibility to keep our land beautiful and useful. They will develop responsibility, citizenship, and respect for American ideals. They will make comparisons and observe contrasts through the guidance of learned instructors.

Students in these classrooms will experience a smooth transition from simple concepts to more complex understandings as the various disciplines of Social Studies are explored, both in the classroom and the out-of-doors.

Applications for admission to the laboratory school may be obtained upon request from the school principal, Dr. Arthur D. Jackson. Admission fee is \$30 for the five-week session. Enrollment is limited.

COLLOQUIUM IN SCIENCE AND MATHEMATICS



Dr. Rinehart



Dr. Krauskopf



Dr. Wilkinson

Grant Gill Smith, Chairman

The major objective of the colloquium series is to present modern trends and applications of science and mathematics at a level that can be understood and appreciated by a general audience as well as students and faculty in the College of Science. Some special and more technical lectures will also be presented.

The following professors are scheduled and others will be added:

1. Professor Denys Wilkinson, Nuclear Physics, Oxford University, England June 28-July 2
2. Professor Konrad B. Krauskopf, Geology, Stanford University June 28-July 2
3. Professor Kenneth Rinehart, Chemistry, University of Illinois July 19-July 23
4. Professor Charles Coulson, Mathematics, Oxford University, England August 5-August 11
5. Professor Rudolf Mossbauer, Physics, Technische Hochschule, Munich, Germany. August 11-August 17

The colloquium will carry one or two hours credits. Those registered who attend 80% of the lectures will receive two credits and those registered who attend 40% will receive one credit hour. The general lectures will be presented at 11:00 a.m. and the special and more technical lectures will be scheduled at 2:30 (or 3:30). During some weeks an evening lecture will be scheduled to encourage people off campus to participate.

READERS' THEATRE



*. . . . Approach to D.H. Lawrence, the man, the artist
Patricia Hansen, Director Fine Arts Theater June 23 - 8 p.m.*

Utah State University Department of Speech and the Summer Quarter present Readers' Theatre: "D. H. Lawrence, the Man, the Artist." Readers' Theatre has been called "the theatre of the mind," for in this art form the creative imagination of the readers and the audience combine to "experience the literature." The readers use their voices and bodies to suggest the intellectual, emotional, and sensory experience inherent in the literature. The audience must largely generate its own visualization of the scenery, action, makeup, props, and physical appearance of the characters. The action does not occur on stage with the interpreters, but in the "mind's eye" of the audience.

Poet and prophet, novelist, mystic and pamphleteer, he was a richly complicated human being. Lawrence was only 45 when he died in 1930, but he left behind him close to 50 volumes of novels, long and short stories, plays, poems, essays and travel journals, not to mention an extensive personal correspondence. He saw and recorded the first appearance of the telephone, the automobile, the movies, the airplane, and the radio. He had a deep, bitter intuition of their role in our culture.

INSTITUTES, WORKSHOPS, AND SEMINARS

Agricultural Education

Workshop: TECHNIQUES IN TEACHING MODERN WELDING

Ag. Ed. 625 1 credit

Salt Lake Technical College

June 14-June 18 8 a.m. to 5 p.m.

Dr. Von H. Jarrett and staff members from Smith Welding Co.

The modern applications of techniques in the use of inert gases in acetylene welding and cutting.



Field study enhances the learning experiences of students during summer quarter.

Workshop: RESEARCH IN BREEDING, NUTRITION, AND MARKETING LIVESTOCK

Ag. Ed. 625 no credit

Utah State University, Spanish Fork and Richfield

June 28-July 2 (two days at each of the above locations) 8 a.m. to 5 p.m.

Dr. James Bennett

Head, Dept. of Animal Science
and staff members

Research in breeding, nutrition, and marketing of livestock and challenges to teachers of vocational agriculture to implement new techniques and practices.

Workshop: ORNAMENTAL HORTICULTURE

Ag. Ed. 691 1 credit

July 12-July 16 8 a.m. to 4 p.m.

Dr. B. A. Wesenberg,

Dept. of Extension Services

Washington State University (for advanced students)

Professor David Gibby

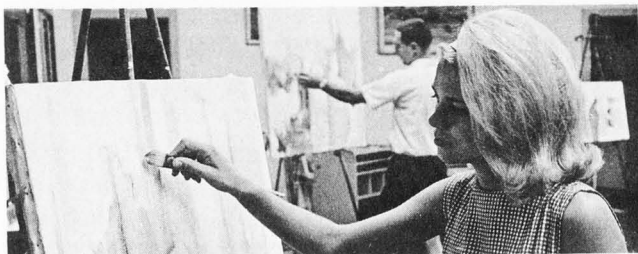
Dept. of Plant Science (for beginning students)

Problems and practices in ornamental horticulture, greenhouse operation, and cultural practices used in greenhouses and nurseries.

Art

Workshop: HIGH SCHOOL ART
Beginning Illustration 83 3 credits
June 14-July 9 9 a.m. to 4 p.m.
Professor Jon Anderson
Professor Glen Edwards

Beginning techniques in illustration in various media. Drawing and painting from the model. Realism and experimental illustration problems. High School students only.



Business Education

Workshop: IMPROVING LEARNING IN BASIC BUSINESS
BE 611 1 credit
August 16-August 20 1:20 p.m. to 4:40 p.m.
Dr. Roger A. Larson, Ph.D.
Associate Professor of Business,
Head, Business Studies Division
General College
University of Minnesota

"Motivating, stimulating student-centered learning" describes the focus of this workshop designed for teachers of basic business subjects, such as general business, business law, consumer economics and business principles. Junior high school business teachers are especially encouraged to participate in this event.

Workshop: INDIVIDUALIZING LEARNING IN DISTRIBUTIVE EDUCATION
BE 611 1 credit
June 7-June 11 8:30 a.m. to 4:00 p.m.
William D. Woolf, M.S.
Assistant Professor of Business Education

The study and use of a variety of techniques and procedures for individualizing student learning in distributive education, such as: instructional systems, programmed instruction, modular scheduling, differentiated staffing, simulation, and independent study. Workshop participants will be actively involved in use of these techniques via a series of mini-workshops.

Workshop: SUPERVISED WORK EXPERIENCE

BE 625 6 credits

June 14-August 20 Time arranged.

Dr. Ted Ivarie

Associate Professor and Head

Department of Business Education

Designed to provide vocational educators with an opportunity to up-grade their occupational experience and at the same time earn academic credit. Participants will locate their own jobs which should be related to the vocational subjects they teach. Salary is negotiated between employer and employee. University supervisor will assist in relating on-the-job experiences to classroom responsibilities. Contact Dr. Ted Ivarie for details.

Workshop: IMPROVING LEARNING IN TYPEWRITING

BE 611 1 credit

June 14-June 18 1:20 p.m. to 4:40 p.m.

Dr. Fred E. Winger

Professor of Business Education

Coordinator of Business Education and Secretarial Science Departments

Oregon State University

Corvallis, Oregon

Emphasis will be placed on practical classroom teaching techniques for skill building. Instruction will be appropriate to junior high school and senior high school teachers of typewriting. Coordination of junior and senior high school typewriting programs will be studied.

Workshop: OFFICE EDUCATION

BE 611 1 credit

June 7-June 11 8:30 a.m. to 4:00 p.m.

Garth A. Hanson, M.S.

Assistant Professor of Business Education

Workshop for vocational business teachers with emphasis on typewriting . . . noted author Leonard West. Satellite interest sections in youth groups for business education, data processing, and office practice. Special sections for junior high, high school, and post-secondary office education teachers.

Workshop: OFFICE SIMULATION

BE 611 1 credit

August 9-August 13 1:20 p.m. to 4:40 p.m.

Garth A. Hanson, M.S.

Assistant Professor of Business Education

Workshop for secondary and post-secondary office education teachers who are or will be teaching in a simulated office program. Emphasis on simulation concepts, teaching techniques, and instructional methods. There will be limited enrollment for this workshop.

Civil Engineering

SEMINAR: WATER RESOURCES PLANNING

No Credit

June 7-June 19

Chairman: Elliot Rich, Head

Civil Engineering Department

Agriculture and Irrigation Engineering Department

Water Resources Planning with emphasis on developing countries.

Seminar staff will be as follows:

Aaron Weiner
President of Tahal
Consulting Engineers
Israel

A. A. Bishop
Head, Department of Agriculture
and Irrigation Engineering

David R. Daines
Associate Professor of Agriculture
and Irrigation Engineering

H. R. Rasheed
Ph.D., Ames Irrigation International
Milpitas, California

D.G. Chadwick
Associate Professor
Electrical Engineering

Calvin G. Clyde
Professor of Civil Engineering
Associate Director, Utah Water
Research Laboratory

William Palmer
Lecturer in Agriculture and Irrigation
Engineering

D. F. Peterson
Dean, College of Engineering

J. Paul Riley
Associate Professor of Civil Engineering

Clothing and Textiles

SEMINAR: INSTRUMENTS FOR RESEARCH IN CLOTHING

Clothing and Textiles 691 3 credits

August 2-August 13 Daily 9 a.m. to 4 p.m.

Dr. Anne Kernaleguen, Head
Department of Clothing and Textiles
University of Alberta
Edmonton, Alberta

A review of such instruments as questionnaires, sociograms, and projective tests, an analysis of standardized tests for values, interests, attitudes, aesthetic judgment and personality as used for research related to clothing. Also, an introduction to some instruments measuring physiological reactions to stimuli.

Communicative Disorders

SPEECH AND HEARING CLINIC

June 14-July 16 9:50 a.m. to 12:00 p.m.

Jaclyn Littledike, M.S.

Thomas C. Clark, M.S.

Thomas S. Johnson, Ph.D.

Individual and/or group therapy administered by student clinicians to children who present speech and/or hearing problems. Program sponsored by the Bureau of Special Services, Utah State Department of Health and Welfare.

Elementary Education

Workshop: ELEMENTARY EDUCATION

Elementary Education 621 Credit is arranged.

July 12-July 16

Guest Lecturer: Dr. Vincent Rogers

University of Connecticut

Newer concepts in education with emphasis on the Open School and the humanization of education—early childhood through the elementary school.

English-Journalism

Workshop: HIGH SCHOOL JOURNALISM

June 14-18

Marlan Nelson, Chairman

Bruce Hadfield, Leader

Mrs. Roth Marie Griggs, Visiting Consultant

Mr. Clyde Morris, Consultant

Utah State University's eighth annual High School Journalism Workshop will accent the "Now Journalism," with instruction designed for staff members of high school newspapers and yearbooks, as well as publications advisers or prospective advisers. Designed to emphasize high school communications, the program will concentrate on planning, writing, photography and production in school media. Practical experience, combined with discussions and demonstrations, will be incorporated into the program to give the student a broader educational experience.

The instructional program will be divided into the following areas: Advisers' Seminar — Newspaper — Yearbook.

Lectures, demonstrations and laboratory work will be provided in photography for yearbook and newspaper staff members who will be primarily concerned with the photographic aspects of school publications production.

The Workshop is open to high school juniors and seniors for the 1971-72 school year who are or who will be members of student publications staffs in secondary schools.



The College of Education provides for student teaching in both Elementary and Secondary subjects during the first session of Summer School.

Child Development

INTERDISCIPLINARY WORKSHOP (Human Development)

3 credits

June 14-June 25 9:30 a.m. to 3:30 p.m. daily

C. Jay Skidmore, Ed.D., Professor Family and Child Development

Marie Krueger, Head, Department of Home Economics Education

Janice Pearce, Assistant Professor Health, Physical Education and Recreation

Multi-disciplinary Workshop in Human Development and Family Relationships. Three quarter hours of graduate credit. Sponsored by the College of Family Life and the College of Education. Team taught by Dr. C. Jay Skidmore, Professor Marie Krueger, and Professor Janice Pearce.

Teachers from science, social science, health, home economics and elementary education will strengthen their respective content and subject matter as related to this field; and they will get an experience of integrating and cooperating across disciplinary and multi-level lines.

Family Life

Workshop: RESEARCH METHODS

Family Life 695 3 credits

July 19-July 30 Daily 9a.m. to 4 p.m.

Dr. Anne Kernaleguen, Head

Department of Clothing and Textiles

University of Alberta

Edmonton, Alberta

Research methodology for case studies, surveys, and experiments; design and style for thesis and research reports; application of measurements and statistical techniques to professional problems in Family Life. A research report presenting the proposed methodology and analysis findings for study in the student's major field is required.

Food and Nutrition

SEMINAR: WEIGHT CONTROL

Food and Nutrition 335 2 credits

June 16-July 15 Tuesday or Thursday 2:30, Wednesday 2:30 p.m. to 5:30 p.m.

Ethelwyn B. Wilcox, Ph.D.

Head, Department of Food and Nutrition

Weight Control provides instruction and diet information that will help maintain correct weight for years. Wednesday sessions: lectures and discussions, exercises and food preparation of low calorie foods. An additional hour per week will be required for nutrition and its application to weight control. Doctor's permission is required.

Workshop: MATERNAL AND CHILD NUTRITION

Food and Nutrition 555 or 655 1 Week - 1 credit

2 Weeks - 3 credits

July 19-July 30 Daily 8:40 a.m. to 4:30 p.m.

Helen A. Hunscher, Ph.D.

Head, Department of Food and Nutrition

Case Western Reserve University

For dietitians and other persons interested in up-dating knowledge in the field of maternal and child nutrition. The biochemical, physiological, sociological, and economic changes involved in obtaining good nutrition for individuals in this field. Prerequisites: organic chemistry and physiology. Registration is at 8:00 a.m., July 19 in the Family Life Building.

Home Economics Education

Workshop: INNOVATIONS IN TEACHING HOME ECONOMICS

Home Economics Education 680 1 credit

June 7-June 11 Daily 8:30 a.m. to 4:00 p.m.

Marie N. Krueger, M.S.

Head, Department of Home Economics Education

and State Advisory Staff of Home Economics Education

The application of innovative methods of instruction in the classroom.



Students gather in cool temperatures for study under the tree lined quad.

Household Economics and Management

SEMINAR: CONSUMER COMPETENCE

Household Economics and Management 460 (160) 3 credits

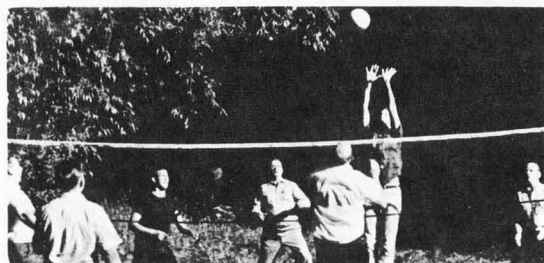
July 19-July 23 Daily 8 a.m. to 5 p.m.

Helen M. Thal, Ed.D.

Assistant Director of the Educational Division of the Institute of Life Insurance

New York, New York

Focus will be on consumer concepts related to the Home Economics curriculum and how these may be developed. Resource material and community agencies will be investigated. Will be of particular interest to high school teachers of Family Life (Home Economics). Enrollment limited. Reservations must be made through Household Economics and Management Department prior to July 16. Follow-up assignment required.



Students take time out for relaxation and a volleyball game in Logan Canyon.

Health, Physical Education and Recreation

SEMINAR: SPORTS IN AMERICAN LIFE

HPER 683-1 2 credits

July 5-July 16 1 p.m. to 5 p.m.

First Session

Leader: Dr. Dale O. Nelson

Guest Instructor: Dr. Frank B. Jones

Professor, California State College, Sacramento

A critical examination of the inter-relationships of sports in American life. Emphasis on social-cultural variables, changing patterns, current problems, and trends.

Workshop: INTERNATIONAL FOLK DANCE

HPER 179-1 1 or 2 credits

June 21-June 25 June 28-July 2 8-11 a.m. 1:30-4 p.m.

Leader: Vonnice R. Brown

Guest Instructor: Miriam Lidster, June 28-July 2.

Professor of Physical Education and Dance at Stanford University

Instruction in a wide variety of international folk dances starting with beginning dances and progressing to the more advanced. The workshop is intended for people who are interested in folk dance as a school or recreational activity. Students may register to begin June 21 or June 28.



The highly acclaimed Utah State University Aggiettes who bring a variety of half time entertainment to collegiate and professional athletic events are seen here in the performance of a novelty precision dance routine.

Workshop: DRILL TEAM AND PRECISION DANCE

HPER 317-2 1 or 2 credits

June 21-June 25 8:00 a.m. to 11:30 a.m.

1:30 p.m. to 4:00 p.m. evening sessions

First Session

Leader: Jackie Fullmer, Assistant Professor of HPER

Director of Aggiettes

Guest Instructor: Bill Jameson

Director of Pacific Northwest Marching Contest and Specialist in large drill teams.

One week of intense training in precision drill techniques and leadership for teachers, advisors, and prospective teachers. Emphasis will be on large unit marching, small units, the dance team, football and basketball shows, parade, military, dance and novelty routines.

Industrial and Technical Education

Workshop: AEROSPACE EDUCATION

Elementary Education 507

Secondary Education 507

Industrial and Technical Education 507 3 credits

June 7-June 11 meets daily 9 a.m. to 4 p.m.

Dr. Charles W. Hailes

Professor of ITE

The aerospace program is conducted with the requirements of the teacher and classroom in mind. The story of man's efforts to "fly like a bird" to understand the air around him, to comprehend the forces of gravity, methods of propulsion, the weather, the sun and the moon, and the universe beyond. Career opportunities concerning each job or profession are given.

Workshop: JUNE VOCATIONAL CONFERENCE

Agricultural Education

Business Education

Distributive Education 1 credit

Industrial Education

Home Economics

June 7-June 11 8:30 a.m. to 12:00 p.m. daily

Dr. Neill C. Slack

Head, Department of Industrial and Technical Education

This is an annual Vocational Workshop for the teachers in Vocational Education in the State of Utah. The group will be broken down for small group instruction and discussion in the mornings. A highlight of the afternoon sessions will be an address by Dr. Sidney Parnes, Chairman of the Creative Learning Association, on the topic of "Creativity in Learning."

Mathematics

INSTITUTE IN MATHEMATICS

Math 423 (132) Advanced Calculus 4 credits

Math 511 (120) Geometry for H.S. Teachers 3 credits

Math 491 (153) History of Math 2 credits

Math 384 (123) Theory of Numbers 3 credits

Math 561 (126) Numerical Methods 3 credits

See Mathematics Department section of bulletin for exact schedule.

Enrollment by permission of the director, Dr. Neville C. Hunsaker.

Sequential Summer Institute in Mathematics with financial support by the National Science Foundation. Eight weeks of instruction. June 21 to August 13. Five especially designed courses for high school teachers of mathematics.

Psychology

SEMINAR: DIVERGENT VIEWS OF THE TEACHER LEARNING PROCESS

2 credits or audit

June 14-June 18

The Department of Psychology cooperating with the Departments of Elementary and Secondary Education, Special Education and Communicative Disorders will bring three nationally known scholars who have applied learning theory and principles to the classroom situation. The topics emphasized by the visiting staff:

1. Family intervention for emotionally based problems.
2. Techniques for effective classroom behavior. Dr. Wesley Becher-University of Oregon
3. Cognitive theory applied to education. Dr. Richard Anderson-University of Illinois



Students learn about man from his environment.

Range Science

SEMINAR: USEFUL WILDLAND SHRUBS, THEIR BIOLOGY AND UTILIZATION

Time: July 12-July 17, 8:00 a.m. to 5:00 p.m., plus a field trip on July 14 to Central Utah. **Registration** will be limited to 300 people. A modest registration fee will be charged.

This Symposium will cover the continental aspects of shrub distribution, utilization and future potential in North and South America, Australia, Africa, Europe, and Asia. Shrub use for wildlife browse, soil cover and soil stabilization, fodder for livestock and low maintenance landscaping will be discussed in detail. Basic biology of shrub genetics, ecology, physiology and nutritional values will be presented by leading scientists working on shrubs. Shrub propagation and establishment will be described by numerous experts in the field.

Sponsored by the Ecology Center and the Utah Agricultural Experiment Station. Other sponsors include U.S. Forest Service, Bureau of Land Management and Agricultural Research Service.

Secondary Education

Workshop: SUPERVISION OF STUDENT TEACHERS

Secondary Education 714 2 credits

June 7-June 11 8:30 a.m. to 4:30 p.m. Daily

Eldon M. Drake

Workshop Director

Provides cooperating teachers, school principals and district supervisors the latest techniques in working with student teachers in the public schools. Both elementary and secondary personnel are invited, with special assistance for teachers who anticipate being assigned their first student teacher. Credit applicable for re-certification for both the **Elementary** and **Secondary** Credential.

Sociology

INSTITUTE: POPULATION STUDIES

Sociology 320:	3 credits	(Population Problems)
Sociology 520:	3 credits	(Methods of Population Analysis)
Sociology 680:	2 credits	(Seminar in Population)
Sociology 790:	4 credits	(Readings in Demography)

Daily July 1-August 25

Yun Kim, Ph.D.

Associate Professor of Sociology

Other instructors will include:

James Mapstone, Ph.D.

Associate Professor of Sociology

State University of New York;

Sidney Goldstein, Ph.D.

Professor of Sociology and

Chairman of Department of Sociology and Anthropology,

Brown University;

Charles F. Westoff, Ph.D.

Professor of Sociology,

Princeton University, and Executive Director,

Presidential Commission on Population Growth and the American Future

To provide up-to-date information and interpretations relating to world, national, and local population problems and to help high school teachers integrate this material into high school social problems and social science curricula.



Highlight of the week of June 7-11 in the College of Education will be the workshop in the Supervision of Student Teachers. Cooperating teachers, district supervisors and principals work intimately with staff in Teacher Education to individualize student teaching programs for their respective schools and districts.

ADMISSION TO SUMMER QUARTER 1971

Registration forms will be prepared in advance for all undergraduate and graduate students in good standing who were enrolled at USU during any one of the four previous quarters: Summer 1970, Fall 1970, Winter 1971, or Spring 1971. If a student was not in attendance during one of these quarters, he should fill out the card in the back of this Catalog and mail it to the Office of Admissions and Records. The appropriate forms will be sent immediately upon receipt of this request.

A completed Application for Admission form is required for all those entering the University for the first time. There are some additional requirements for admission, as indicated below. It should be noted that any student entering Graduate school for the first time is required to submit an application form, even if he has been on campus during the above-mentioned quarters as an undergraduate student.

Applications should be submitted no later than May 15 for the First Session of the Summer Quarter, and no later than June 21 for the Second Session. If an application is received after these deadlines but prior to registration day, the form will be processed as rapidly as possible and registration forms prepared, but the students may be required to register after the regular registration day schedule is completed.

High School Graduates are encouraged to start their collegiate careers by enrolling in the Summer Quarter. They should: (1) Fill out an application form. (2) Send in a copy of their high school transcript (unless they have already done so). (3) Present their ACT scores. (4) Pay the evaluation fee of \$10. (5) Complete the health examination form.

High School Seniors. Students who have completed their Junior year in high school and who have a grade point average of 3.00 (B) or better may enroll for the Summer Quarter. They shall be requested to complete a special application form and submit a copy of their high school transcript as evidence of capability for doing University work. They will be admitted as non-matriculated students. Later, upon graduation from high school and completion of customary requirements for admission to the University, a notation will be placed on their permanent academic records indicating that they have matriculated.

Workshop Participants. By completing a special admission form, students who enroll in credit workshops may obtain University credit as non-matriculated students, but such credit will not be applied toward a Utah State University degree until formal admission requirements are met.

Any individual who, for his own interest, wishes to enroll in University courses, may be considered for admission as a non-degree seeking, non-matriculated student. At the time of application, each non-matriculated student will sign a statement affirming his understanding that: (1) He is not a degree student; (2) Credit that he earns cannot count toward a degree unless he does matriculate; (3) No more than 90 credits earned before matriculation shall be counted toward a degree.

If a non-matriculated student desires to enroll in Freshman Math or English courses, he must present scores from the American Testing Program (ACT) in order to gain admittance.

Testing. All entering Freshmen, including transfer students with fewer than 45 credits and all other transfer students who have not completed one full year of Freshman English, must have on file with the Counseling and Testing Services the results of the American College Testing Program Examination (ACT) at the time they apply for admission. The scores on this examination must be received directly from the ACT Records Unit, P.O. Box 451, Iowa City, Iowa, 52242.

Transfer students from other Colleges. Students from another accredited college or university who wish to enroll at Utah State University for a workshop or other credit courses during the 1971 Summer Quarter, and who wish to transfer such earned credit to the "home" institution, rather than apply it here, shall be admitted to USU programs upon presenting written official evidence of good standing from the other institution. The transcripts issued by Utah State University for credit thus earned shall be marked "Summer Quarter 1971 — Applicable to a Degree After Formal Admission."

The appropriate *Census Form* for transfer students can be obtained by filling out and mailing the card which is included within the Summer Quarter Bulletin. If additional information is needed, a letter can be sent to the School of Graduate Studies or the Office of Admissions and Records.

Students who have a grade point average below 2.0 will be admitted only upon recommendation of the Admissions Committee.

Graduate Students. To be admitted to the School of Graduate Studies on a degree-seeking basis, a student should make application to the Office of the Dean of the School of Graduate Studies. Forms for this purpose can be secured by writing to the Dean or at the Graduate Office in the Main Building, Room 132. Graduate students who wish to matriculate must meet the requirements. See Graduate Catalog.

All students who wish to apply for graduate degree programs at USU must present the results of the Graduate Record Examination as part of their application for admission. The scores from the Graduate Record Examination are used by the Graduate School and individual departments in admissions decisions and for counseling purposes. They must be included in a student's file when he is considered for admission to a graduate degree program.

The tests are administered at several centers throughout the world. Information and testing dates about the GRE Examination can be obtained by writing to the Educational Testing Service, 1947 Center Street, Berkeley, California 94704, or from the USU Testing Services, Main 2.

To be admitted to the Graduate School on a non-degree-seeking basis, a student should file an application for admission or readmission with the Dean of the School of Graduate Studies and furnish an official transcript of all work completed at other institutions attended (if that work was not done at USU) and give evidence of having received the Bachelor's degree. (*Admission is granted when the student receives a registration permit issued by the Graduate School Dean.*)

Summer Quarter Fees

Summer Quarter students will pay fees in accordance with the amount of credit for which they enroll. Inasmuch as the Summer Quarter is the first quarter of the school year, the amounts to be paid are in conformance with total tuition and fees that apply to resident students other quarters.

If enrollment is in the First Session and additional work is desired Second Session, the student will pay for the additional classes up to the amount which corresponds to the total number of credits for which he enrolls. *For example:* If a student registered for six credits the First session, he would pay \$93, according to the scale below. If he wished to take five credits the next session, he would add this number to his registration for the first session which would then total eleven credits, and pay the difference between \$93 (cost for six credits) and \$146 (cost for eleven credits), or \$52 additional. (Utah State University reserves the right to alter this fee schedule at any time).

Credits ¹	Total Fees	Credits ¹	Total Fees
1	\$33	7	\$106
2	43	8	119
3	53 ²	9	133
4	67	10-18	146
5	80		
6	93		

¹Referred to as quarter credit hours in the past. (USU is on a quarter basis rather than semester.)

²Continuing graduate students who register for the departmental 699 or 799 courses only shall pay \$34. If there is registration for additional classes, the regular Summer Quarter fee scale shall be applicable.

Special Fees

Late Registration Fee: \$5 beginning the second day after the first meeting of the class, additional \$1 for each additional day, up to a maximum of \$10. A student whose check is dishonored by his bank will be charged the late fee in effect when the check is redeemed.

Excess Registration Fee: For each excess hour \$10

Students may register for a maximum of nine credits either session or 18 credits for both sessions without paying excess registration fees.

Change of Registration Fee \$1

No charge will be made for changes of registration during first week of any course. One dollar charge thereafter.

Visitor's (Auditor's) Fee, per course \$12

Registration as listener or visitor in lecture course only in which no credit is desired.

High School Journalism Workshop

Board, room, and registration fees \$40.00

Forestry 301, 302, Range 298; Wildlife 200; lab fee in each course \$ 5.00

Music Clinic (See conference and Institute Division University Center Room 202)

Diploma Fee—Bachelor's degree \$ 5.00

Advanced degree (plus binding of thesis) \$10.00

College of Business

For use of business machines \$ 2.00

College of Humanities, Arts, and Social Sciences

Language Lab Fee \$ 2.00

Breakage or Lab Fee

A minimum excess breakage fee for laboratory classes \$ 5.00

Private instruction in Speech 192-392; per credit per quarter. \$20.00

Music—Individual instruction with University staff members.

One lesson per week (ten lessons) for the Quarter, one credit \$30.00

Dance (See Conference and Institute Division, University Center Room 202)

Practice Fees

Practice room with piano, one hour per day for the Quarter \$ 3.50

Organ, one hour per day for the Quarter \$ 5.00

Enrollment in Edith Bowen Laboratory School,
per child for five weeks \$25.00

Teacher Placement, Re-registration Fee \$ 5.00

Car Parking Permit \$ 3.00

Fee Refunds

With exceptions of the \$10 application-evaluation fee and the \$10 registration fee, a proportionate share of all fees paid may be refunded to any student who withdraws from school before the end of the third week of the session.

Registration for Classes

Registration for the entire Summer Quarter and the First Session will be conducted in the Nelson Fieldhouse, Monday, June 14, from 8 a.m. to 4 p.m. Packets will be distributed according to the following schedule (alphabetical, by surname):

A - B	8:00	Lb - Nh	10:00
C - E	8:30	Ni - Ro	1:00
F - He	9:00	Rp - Th	1:30
Hf - La	9:30	Ti - Z	2:00

Registration for the Second Session only may be arranged at the Office of Admissions and Records anytime prior to and including July 19. There is no special registration day for the Second Session.

Steps in Registration Procedure

- Step 1. **OBTAIN REGISTRATION PACKETS** in the reserved seat section in the south end of the George Nelson Fieldhouse.
- Step 2. **FILL OUT TRIAL STUDY LIST** (page 73 of Schedule Bulletin). Proceed to the tables provided and fill out all data called for on the Registration Form, including the listings of the courses if your proposed program of courses has been approved by your faculty adviser.
- Step 3. **CONSULT YOUR FACULTY ADVISER.** Proceed to the basketball floor in the George Nelson Fieldhouse, where the faculty of the college which you are registering will provide assistance. Signs will direct you to the various sections reserved for the academic colleges. New students who have not been assigned to a faculty adviser will go to their deans for this assignment. Students who have received their assignments to faculty advisers will go directly to their advisers.
- Step 4. **OBTAIN APPROVAL OF YOUR COLLEGE DEAN.** After your program of studies has been approved by your faculty adviser, go to your dean for his signature of approval.
- Step 5. **OBTAIN CLASS ASSIGNMENTS** at tables in the north end of the Fieldhouse.
- Step 6. **HAVE REGISTRATION PACKETS CHECKED.** All students must have Registration Packets checked and stamped before fee assessment can be made.

Step 7. **OBTAIN FEE ASSESSMENT** at table provided.

Step 8. **PAY FEES AT CASHIER'S WINDOW** in the basement of Old Main, Room 16, and turn in your packet. The Cashier will return your copy of the registration, including a receipt of payment.

VETERANS AND WAR ORPHANS receiving educational benefits should stop at the Veterans Office, Main 109, before turning in packets.

Training benefits payments begin on the day that registration is completed. **Late registration is expensive.**

Note: If you do not register on registration day, it will be necessary for you to pick up a packet at Room 6 in the Main Building. Obtain signatures and class assignments in offices of academic Deans; then return packet to Room 106 to be checked and stamped. Proceed to the Cashier's Office to pay fees and turn in packet.

Registration for the Quarter or either session closes at the end of the first week.

Changes in registration. Any change in the original registration must be recorded and approved on a change-of-registration form. Courses may be added and dropped during the first week by obtaining the approval of the instructor and the dean of the college in which the student is registered.

Change-of-registration fee. No charge will be made for changes of registration during the first week of any course. One dollar will be charged for any change thereafter.

Daily Class Periods

The daily schedule of classes provides for periods of 60 minutes each. This applies to classes offered for the full quarter and a single session. An interval of ten minutes is allowed between classes. Class time is as follows:

1	7:30 a.m. to 8:30 a.m.	5	12:10 p.m. to 1:10 p.m.
2	8:40 a.m. to 9:40 a.m.	6	1:20 p.m. to 2:20 p.m.
3	9:50 a.m. to 10:50 a.m.	7	2:30 p.m. to 3:30 p.m.
4	11:00 a.m. to 12:00 noon	8	3:40 p.m. to 4:40 p.m.

Any time differential that may accrue to full quarter classes may be adjusted by the instructor after consultation with the dean of the college.

Registration Regulations

Registration is not complete until the student has presented his fee card at the Cashier's window, Office of the Controller, paid his fees, and turned in his registration packet.

Withdrawal from University. If for any reason the student finds it necessary to leave the campus before the end of the quarter, he should take the appropriate steps to withdraw from the institution officially. The procedures to be followed in completely withdrawing from the University are: (1) Call at the Office of Admissions and Records for the necessary blank forms. (2) Complete forms as required and discuss problems relating to withdrawal with those whose signatures are to be obtained in the order designated for appropriate clearance.

Grades and Grading

Following the close of the Summer Quarter, grades for the classwork of each session and the entire quarter will be mailed to all students. No grades will be issued until that time.

Five passing grades, "A", "B", "C", "D", and "P" (Graduate Students) are employed in reporting credit. No grade lower than "D" will count toward satisfying credit requirements.

"A" equals 4 points

"B" equals 3 points

"C" equals 2 points

"D" equals 1 point

"P" equals Passing

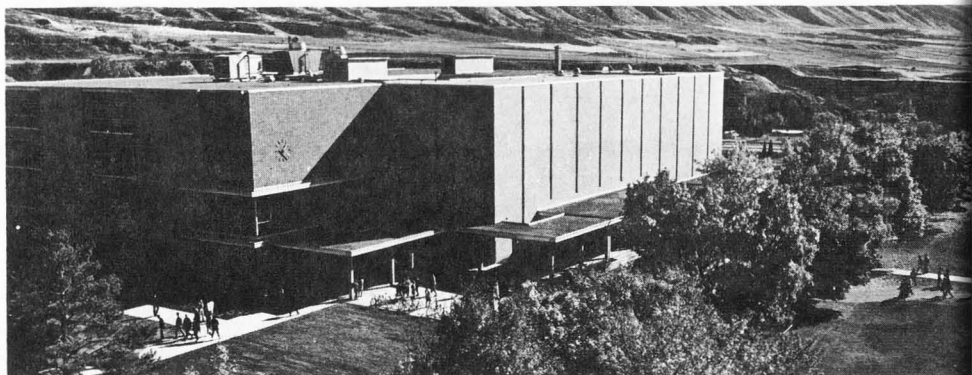
"F" equals 0

Incomplete grades may be given only when conditions beyond the student's control prevent him from completing his work. A petition, signed by the instructor and the dean, may be submitted with the instructor's grade sheet, or the dean may take appropriate administrative action.

Transcripts of credit for the Summer Quarter's work may be obtained from the Office of Admissions and Records. Fill out the request form at the Records Window, Main 103, or write to the Records Office, Mr. Asa Beecher.

REGISTRATION FOR FALL QUARTER, 1971-72

Registration packets will be prepared for all eligible students who were enrolled at USU during the Spring Quarter, 1971, and all Freshman students who entered the University (for the first time) in the Summer Quarter, 1971. All other students (including those who received diplomas at the Commencement in June 1971) must make application through the Admission Section of the Office of Admissions and Records, not later than September 1, 1971.



MERRILL LIBRARY AND LEARNING RESOURCES CENTER

The University Library and all other educational media programs and services at the University are combined in a single administrative organization: The Merrill Library and Learning Resources Program. The reorganization provides for an extension in the use of all educational media whether the use is directed by classroom activity or individual inquiry. The term media is interpreted to mean books, journals, public documents, maps, and micro reproductions of these as well as films, graphics, and audio-video recordings. The material housed in the new organization has been made accessible through centralization of inventory, cataloging and distribution policies conducted according to standard Library procedures and practices.

The housing and arrangement of materials are intended to promote the use of new media forms made available by new educational theories and technology and to give new prominence to the educative quality of books.

The Merrill Library

The Merrill Library collection consists of over 200,000 books and over 8,000 subscriptions to periodicals and newspapers. Over 12,000 maps and atlases and the equivalent of 100,000 volumes in various types of microtext form an additional part of the collection.

The Library has been a regional depository for U.S. Government Documents since 1963 and was a selective depository prior to that time.

A Curriculum Materials Center is maintained which houses all textbooks currently in use, or under consideration, in the elementary and secondary schools of the State of Utah.

Most areas of the Library are open stacks. A complete reference area is centered on the second level and is well staffed and equipped to provide adequate reference service.

A variety of special services is available. Copying services are available for hard copy and micro-text materials. In addition the Library is a member of the Denver Bibliographic Center for Research which enables the library to locate materials for interlibrary loans. The TWX telecommunications system is also in operation to facilitate interlibrary loans and communication with other libraries across the nation.

Programs of Study

Credit values for academic programs in the Summer Quarter are of the same quality and equivalent quantity of work as courses given in other quarters of the year. Student class load must be approved and other regulations as enumerated in the University Catalog will maintain.

Undergraduate

Lower division and upper division requirements must be met by students who pursue an organized program leading to the baccalaureate degree.

Each college encourages beginning and continuing students to take advantage of the Summer offerings. Although the Colleges of Agriculture, Education, Engineering, and Natural Resources do not outline introductory programs, they want their prospective professional people to get an early start on basic and core courses. These are usually supplied by other colleges. Group requirements, majors, and minors, should be carefully reviewed by the student with his faculty adviser (see General Catalog). The Summer Quarter provides an excellent opportunity to initiate or continue a program toward early completion.

Graduate

Programs leading to master's degrees are offered by each of the eight colleges. Doctor's degrees are awarded by six of the colleges. The increasing demands for quality professional preparation are being met very effectively by the rich study and research opportunity for advanced degrees.

Students in all fields of graduate work find the Summer Quarter to be filled with advantages. Air-conditioned library facilities are most conducive to comfort in study. Contract, applied, indeed all types of research on campus or in the field can be engaged in very profitably in the summer. Institutes, special lectures, and the many other cultural productions on campus materially contribute to the high level enrichment so desirable to the graduate student.

Teachers especially will find opportunity to meet certification requirements and continue in fifth and sixth-year programs. All departments in the College of Education are geared to meeting professional needs. For example, the Master of Education degree may be completed in three summers; the sixth year Certificate in Administration may be earned in three summers.

All students who have completed the bachelor's degree register in the School of Graduate Studies. However, prerequisites for admission to an advanced degree program include permission of the department in which study is desired and approvals of a faculty adviser and Dean of the School of Graduate Studies.

Helpful information is readily available in the Graduate Office, Main 132.

THE DIVISION OF GENERAL REGISTRATION

The Division of General Registration is an Administrative-Academic element maintained at Utah State University for the enrollment of students who do not qualify for admittance into one of the eight Academic Colleges. The Division performs many of the administrative tasks of an Academic College. The primary function of the Division is to assist and encourage students in the improvement of their academic standing so they may transfer from the Division into an Academic College of their choice. To accomplish this purpose various controls and guidance tools are used, to include: (1) completion of Remedial courses in English and mathematics, when indicated (2) enrollment in study-skills classes (3) limiting the number of credit hours carried per quarter (4) frequent, scheduled meetings with an advisor or supervisor.

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The Division of General Registration is an Activity of Student Services. The Office is in Main 12.

OFFICE OF SCHOOL SERVICES

The Office of School Services was organized to acquaint students and their parents with Utah State University and thus help make the students' transition from high school to the University a pleasant experience. To accomplish this purpose, personnel in this office are willing to answer questions about the University, conduct tours, help students with registration problems, assist with housing arrangements, and help students make application for scholarship and financial aid.

Publications describing the University and its many programs are also available in this office located in UC 310.

CONFERENCE AND INSTITUTE DIVISION

The Conference and Institute Division has been established to develop, improve and expand the conference programs of the resident teaching staff, the research staff and extension staff in the eight colleges of Utah State University, and attempts to stimulate production of non-credit conferences, short courses and meetings across campus.

All departments, colleges and divisions of the University who plan a non-credit conference on the campus coordinate with this office. The Division also plays an instrumental role in coordinating some credit as well as non-credit workshops, institutes, clinics, short courses, conventions, training schools, symposia and seminars.

STUDENT SERVICES

DEAN OF WOMEN

The Dean of Women is the coordinator of women's programs on campus and advises women's groups such as Associated Women Students, Mortar Board, Alpha Lambda Delta, Spurs. She is the University adviser for the Greek fraternal groups on campus, and serves on numerous committees to represent women's interests.

She is available summer as well as winter to counsel those students who need help or advice, and to work with student groups to initiate activities that will be of interest and benefit to Utah State University students.

Counseling Center

The University strives to give each student the assistance he needs and desires to help him make wise decisions regarding educational, vocational and personal problems. Professional counseling is available in such problem areas as speech, study skills, religion, personal and social adjustments, emotional conflicts, courtship and marriage. The Counseling Center is in Main 101.

Health Service

The Health Center is located in the basement of the University Center. Services available to Summer Quarter students are: consultation on health matters; office care for minor emergencies; initial care and first aid treatment for serious emergencies; medical advice as to need of further consultation and specialized treatment in the more difficult problems beyond the scope of the Health Service; such routine inoculations and immunizations as may be required. Medical care at the Student Health Service is free. Any further medical care beyond that provided at the Service must be paid for by the student or his insurance plan.

University officials strongly urge students to purchase the Voluntary Student Accident and Sickness Insurance available to them at the time of registration.

Housing Facilities

Campus living accommodations. Residence hall life is part of the neighborly atmosphere on the Utah State campus. Moderately priced living accommodations are available for both married and single students. The board and room charges for single men or single women are as follows per person (bedding, lamps, two beds per room, individual closets, and study desks are provided):

High Rise Dormitories (Board and Room)

Two persons per room (both sessions)	\$285.00
Two persons per room (one session)	\$142.50

University Apartments are available for married couples and families. Although not all apartments are furnished, refrigerator, stove, and draperies are provided with each. A modern coin-operated launderette is located in the area. Three of these apartment houses form a triangle which completely encloses a play area for children. Monthly rates are as follows:

Two-bedroom apartments, uncarpeted	
Unfurnished	\$.75
Furnished	\$.85
One-bedroom apartments, carpeted	
Unfurnished	\$.80
Furnished	\$.90
Two-bedroom apartments, carpeted	
Unfurnished	\$.90
Furnished	\$1.00
Three-bedroom apartments, carpeted	
Unfurnished	\$1.05
Furnished	\$1.15

(Cost of gas and electricity is extra.)

A modern Trailer Court is provided on campus for those married students who want to use their trailers. There is an excellent service area in the court complete with a laundromat and a fully equipped playground. Connections to water and sewer are provided at \$22 per month. Only sanitary mobile homes are accepted.

Pets are not allowed in University housing.

Further information on University-owned residence halls may be obtained at the University Housing Office, 1151 East, 700 North.

Community living accommodations. Numerous families in the community maintain rooms and/or basement and upstairs apartments which are available to either single or married students. The University Housing Office provides a file for students listing inspected, available community housing which complies with certain minimum specifications.

Foreign Student Adviser

Information and assistance for our international students may be obtained in the Office of Foreign Student Advisement, Main 29.

Employment Placement

The Office of Student Employment Placement helps students who are capable of carrying an academic load and need a supplement to their income. Students' wives are also assisted in obtaining positions on and off campus.

Parking

The University reserves certain areas for parking cars on campus. To park in these areas a decal is required. A fee of \$3 for the Summer Quarter is charged for this space in the reserved parking areas. This fee is paid at the time of registration for classes.

Postal Service

Letters and packages can be mailed conveniently in the Student Union where a branch U.S. Post Office is located. Students may have their mail sent General Delivery, USU Branch Post Office, Logan, Utah, or a special box may be rented for the Summer. The Post Office is open weekdays and Saturday from 8 a.m. to 6 p.m. The federal postal window is not open on Saturdays.

Financial Aid

A limited number of scholarships and student loans are available for Summer Quarter students. Information concerning these may be obtained from the Office of Student Services, Main 102.



Summer Quarter affords opportunities to explore the arts.



University Center

RECREATIONAL AND CULTURAL OPPORTUNITIES

The University Center

The University Center serves as the focal point of campus activities. Its informal atmosphere and facilities for relaxation and recreation are enjoyed by both students and faculty. The combination of its cool air and spacious decor is very refreshing. Here are located the cafeteria, bookstore, snack bar, post office, health center, game rooms, lounges and other enjoyable features.

The Old Juniper Lounge offers its cordial atmosphere as a setting for a friendly chat under one of its live trees. The Spree beckons with its collection of world-wide games, including billiards, ping-pong, and Chinese cricket. The Plaza (Patio area) provides a cool note on a summer day with its "double-bubble" fountain. On the ground floor students can get their hair cut at the Barber Shop, browse in several small shops and the Bookstore, bowl a line or two at the new, air-conditioned, 10-lane Aggie Bowl, and stop at the Hub for a quick snack.

The Center and its facilities are open from 8 a.m. to 10 p.m. week-days and from 8 a.m. to 12 Midnight on Fridays and Saturdays. Sundays it is open during mealtime hours.

Movies

Family rated movies in the air-conditioned comfort of the UC auditorium will encourage and afford supplemental enjoyment. Each week finds the schedule including up-to-date, popularly received features.

Other Recreational Facilities

USU's physical facilities for recreation also include a baseball diamond and tennis courts. On summer evenings the tennis courts get quite a work-out. Directly in front of the library and behind Old Main is a large grassy area known as the Quad, which hosts many summer softball and soccer games, and the famous Watermelon Bust. Volleyball games attract a large following, and there is recreational equipment available in Smart Gym for groups to check out and use. It's a good place for family groups to play.

Of course, the Dairy Bar and the traditional ice cream cones provide real recreation.

Watermelon Bust

One of the highlights of the Summer Quarter is the "Watermelon Bust" on the Quad. Students families, and University personnel enjoy the friendly socializing afforded by this informal, old-fashioned picnic. There's always plenty for all and it is an event anticipated and spoken of with genuine favor after it is held.



The Arts

Visual arts at Utah State are areas of both intensive concentration for the developing student and informal, unaffected enjoyment for the hobbyist. Highlights of summer activities are the exhibits by both local artists and national exhibitors in painting, sculpturing, ceramics, loom and needle craft. Galleries in the Old Main, University Library and University Center offer appealing displays of fascinating and inviting evidences of ability and interest.

Golf

There are numerous opportunities for the golfing enthusiast. Private courses in Logan, a few blocks from the campus, and in nearby communities invite and welcome the summer visitor.

Utah State Theatre

Utah State Theatre has developed a great tradition for outstanding productions. The Summer Quarter is a time for intensive theatre experience not possible during the other regular quarters. Local patrons speak highly of such summer productions as "Paint Your Wagon," "Dark of the Moon," "Carousel," "Oklahoma," "Finian's Rainbow," "Teahouse of The August Moon," "The Boy-friend," "The Lark," "Destry Rides Again" and "The Flowering Peach."

The Old Lyric Repertory Company, now in its fourth season, is comprised of talented and seasoned undergraduate and graduate students from many sections of the United States and assembled at Utah State University. Combining not only their performing skills but their designing and technical abilities, members of the Company play three productions in rotation. Members of the Company begin work approximately June 7, and the season ends August 20.

The Theatre Arts Department offers an extensive program in dance during the second session. Courses in all phases of dance, ballet, modern, jazz and ethnic for both beginning and advanced students, are offered for credit in the Theatre Arts Department and for non-credit through the Division of Conference and Institute.



The Boyfriend

Concerts and Operas

The cooling shades of the campus Amphitheater area invite students, townspeople and their families to an informal gathering for a series of summer Sunday afternoon Band Concerts. The air-conditioned comfort of the Utah State Union and the Lyric Theatre are particularly conducive to full and rich enjoyment of visiting and local artists for Chamber Music and opera at the finest.

Band Concerts

Growing interest and enjoyment have been evidenced by the increasingly large crowds attending summer band concerts. Both visiting and local musicians blend their talent under the batons of our staff members and visiting conductors. The entire membership of families enjoy these regular concerts which are free to students and members of the community.

Hikes

Once each year students, faculty, and families make a traditional climb to world-famous "Old Juniper," one of the oldest living Juniper trees in the world (3400 years). The breath-taking view of Logan Canyon from the top is well worth the climb. Other trails, both marked and unmarked, in shady Logan Canyon's Cache National Forest invite the hiker and the casual stroller to venture beyond the highway.

Fishing

The fishing, especially for trout, is more than just a topic for conversation. The Logan River annually produces more fish than many other comparable Utah streams. Even an amateur fisherman can land his share. Weekend trips to lakes and other streams are highly rewarding. A fishing license is required.

Picnics and Camping

Logan Canyon, Blacksmith Fork, and Temple Fork share the honor here. You can pause at one of the many roadside areas by the swift flowing Logan River or stretch out on a grassy knoll next to a clear, cool stream in the nearby canyons. These numerous picnic and camping spots can be reached in only a few minutes' drive from the campus.

Boating and Water Skiing

Water sport enthusiasts have a choice between visiting Hyrum Dam Reservoir or motoring to beautiful Bear Lake. The Lake is reached by a pleasant drive through the cool shade of Logan Canyon. Hyrum Dam is just south of Logan.

Sightseeing and Points of Interest

For a short weekend trip, take your pick of destinations from the following: Yellowstone Park, Bryce and Zion Canyons, Grand Tetons, Jackson Hole, and Bear Lake. For bird lovers, there is the Bear River Bird Refuge, one of the largest in the world. For gambling, western style, run over to Elko, Nevada. Interested in Mormon history, visit Salt Lake City. Rodeo fans may want to see many world famous rodeos held within short driving distances during July 24th celebrations.

Lagoon Day (Alumni Weekend)

Everybody thrills to the dips of a roller coaster or to the swoop of a Ferris wheel. Like to swim, play volleyball, miniature golf or dance? You can do all this and more on Lagoon Day when USU takes over Lagoon. It's ready made for the family.

Worship in the Church of Your Choice

The following local churches offer religious services and social gatherings to students throughout the summer:

First Baptist Church (Southern Baptist), 180 West 10th North
Rev. Riley O. McCall

Campus Christian Fellowship, 1315 East 7th North
Rev. W. Hugh Tucker

Church of Christ, 248 West 2nd North
Darryl Ellis

Church of Jesus Christ of Latter-day Saints, 650 North 12th East, and
Wards throughout Cache Valley.

St. Jerome's Chapel (Roman Catholic), 795 North 8th East (Newman
Center)
Monsignor Jerome Stoffel

Cache Valley Bible Church, Edith Bowen School
Rev. Ira Ransom

St. John's Episcopal Church, 85 East 1st North
Rev. Paul Habliston

Lutheran Church Holy Trinity, 7th East and 6th North
Pastor Robert Barnes

First Presbyterian Church, 12 South 2 West
Rev. Miner Bruner

Jehovah's Witnesses, 3131 North Main

DISTINGUISHED VISITING FACULTY

Dr. Fred E. Winger (Oregon State University) will be the director of a one week workshop entitled "Improving Learning in Typewriting" scheduled for June 14-18. A nationally recognized authority in typewriting methodology with 8 textbooks in the field, Dr. Winger has experience teaching in secondary schools, business colleges, adult education, colleges and universities. On two occasions he was selected one of the most outstanding teachers at Oregon State.



Dr. Fred E. Winger

Dr. Marion L. Boss (Southern Colorado State College) will teach three courses this summer in the Department of Business Education. Dr. Boss earned his EdD from the University of Northern Colorado and has been a lecturer at a variety of workshops in business education throughout the country.



Dr. Frank B. Jones

Frank B. Jones is Professor of HPER, California State College, Sacramento. PhD, University of Southern California. Served as president of the Athletic Institute for the past three years. Will lecture in seminar "Sports in American Life" offered during the First Session.

Dr. Helen M. Thal (Institute of Life Insurance) will conduct a workshop on Consumer Education, HEM 460. Holding a doctorate in education from Columbia, she has served on the faculties of Hood College, Stephens College and Colorado Woman's College. Currently she serves as assistant director of the Educational Division of the Institute of Life Insurance. A major function of this division is promoting the teaching of the principles of family finance.



Mr. Bill Jameson

Bill Jameson is principal at Borah High in Boise, Idaho. BS and MA, College of Idaho. A specialist in large drill teams and bands, he has been director for the past six years of Pacific Northwest Girls Drill Team Conference. Will be guest instructor during workshop "Drill Team and Precision Dance" offered First Session.

Ruth Marie Griggs is Director of Publications, Broad Ripple High School, Indianapolis, Indiana. President, Indianapolis Professional Chapter in Theta Sigma Phi. Past national president of the Journalism Education Association. Listed in the Who's Who in America in 1966 and in Who's Who in American Women in 1970. Will participate in High School Journalism Clinic.

Dr. Thomas B. Mowbray (University of Wisconsin-Green Bay) will teach a new course in the College of Natural Resources entitled "Principles of Ecology." Recently named outstanding professor of the year at Wisconsin, Dr. Mowbray received his PhD at Duke University.

Dr. Sidney Goldstein (Brown University) will participate in the Institute in Population Studies for Secondary Teachers. Dr. Goldstein earned his PhD from the University of Pennsylvania. The author of numerous books and articles in the field of Sociology, he currently is Chairman of the Department of Sociology and Anthropology of Brown University and Director of the Population Studies and Training Center. From 1968-69 Dr. Goldstein served as Demographic Adviser, Population Research and Training Center, Chulalongkorn University, Bangkok.

Dr. B. G. Wesenburg (Western Washington Research Center) will conduct a workshop on Ornamental Horticulture this summer. A former assistant professor in Plant Science at USU, Dr. Wesenburg earned his PhD at the University of Wisconsin. He has taught in two previous summer USU workshops for teachers of vocational agriculture.

Dr. Charles F. Westoff (Princeton University) will participate in the Population Institute. A professor of Sociology and Associate Director of the Office of Population Research at Princeton Dr. Westoff is a noted authority in the areas of demography involving the study of human fertility. In 1970 he served as executive director of the National Commission on Population Growth and the American Future. Dr. Westoff earned his PhD from the University of Pennsylvania.



Mrs. Ruth Marie Griggs



Dr. Sidney Goldstein



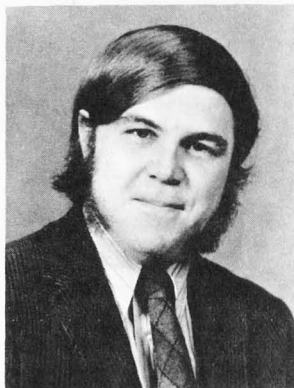
Dr. Charles F. Westoff

Dr. Leslie H. Cochran (Central Michigan University) will teach courses in Trends in Industrial Education and Education and Philosophy of Vocational Education and the Practical Arts. Dr. Cochran holds an EdD from Wayne State University in Industrial Education and in 1970 wrote the textbook, **Innovative Programs in Industrial Education** published by McKnight and McKnight. Dr. Cochran has been a public school teacher, a college instructor and his current assignment is Assistant Dean, School of Fine and Applied Arts.



Dr. Leslie H. Cochran

Dr. Robert W. Venables (SUNY, Oswego) will teach an introductory course on the History of the American Indian and a graduate colloquium on the American Indian. Dr. Venables earned his PhD at Vanderbilt. His emphasis has been in American Indian and Colonial history. Currently as Associate Professor of History, he taught at Hunter College and Kingsborough College before coming to SUNY.



Dr. Robert W. Venables

Dr. Helen A. Hunscher (Case Western Reserve University) will be one of the participants in the workshop on Food and Nutrition starting July 19. She is a distinguished teacher, educator, and national leader in the field of maternal and child nutrition. When she received the Marjorie Hulsizer Copher Memorial Award, which represents the highest award given by the American Dietetic Association, the award stated: "Her brilliant research has added knowledge; her writing contributes to clear understanding; her teaching excited emulation; to this she adds vision, the touch of genius, and inspirational leadership which transform the science of nutrition into the broad social movement to improve human well-being."

Dr. Roger A. Larson (University of Minnesota) will direct a one week workshop entitled "Improving Learning in Basic Business" scheduled on August 16-20. Dr. Larson has taught a variety of courses in business and economics at Minnesota and currently serves as Head, Business Studies Division of the General College.



Dr. Roger Larson

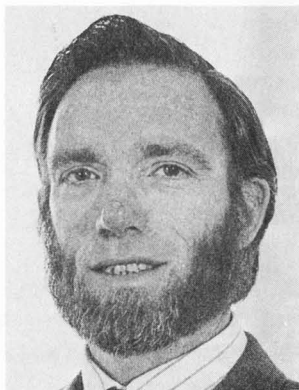
Dr. Charles A. Coulson (Oxford, University) will participate in the Colloquium in Science and Math from August 5 through 11. Dr. Coulson holds professorship rank in the fields of mathematics, theoretical physics and chemistry. The author of 7 books and over 300 research papers, he has lectured in numerous colleges and universities. His writings cover the fields of quantum theory and theoretical chemistry as well as the relationship between science and religion.

Dr. James R. Mapstone (SUNY) will participate in the Summer Institute on Population Studies. Dr. Mapstone earned his PhD in Migration and Assimilation from the Australian National University. Active in sociological associations of America, Canada, Australia and New Zealand his most recent publication appeared in the Feb. 1970 issue of *Journal of Marriage and the Family* and was entitled "Familistic Determinants of Property Acquisition."

Dr. Denys H. Wilkinson (University of Oxford) will be a participant in the Summer Colloquium in Science and Mathematics, June 28-July 2. Head of the Department of Nuclear Physics at Oxford, Dr. Wilkinson has participated in British and Canadian Atomic Energy Projects. He holds numerous honors in the scientific field and has lectured at Cambridge, Yale, Washington, Glasgow, Berlin and Saskatchewan.

Dr. Harry Kantor (University of Florida) will teach two classes this summer in the field of political science: Latin American Governments—Politics and a political science seminar in Comparative Politics. Dr. Kantor received his PhD from UCLA. He has taught at the Institute of Political Education in Costa Rica, Eastern Washington College and has been a professor of political science at UF since 1963.

Dr. Kenneth L. Rinehart (University of Illinois) will participate in the Summer Colloquium in Science and Mathematics July 19-23. Dr. Rinehart is a noted authority in the field of organic chemistry and has served as a consultant to such companies as Upjohn, and Gillette-Toni. His PhD was earned at the University of California.



Dr. James Mapstone



Dr. Denys Wilkinson



Dr. Kenneth Rinehart

Dr. John DeCecco (San Francisco State) will examine the problems of applying "Cognitive theory to the educational process" during the Psychology Department workshop: Divergent Views of the Teacher Learning Process. Dr. DeCecco and co-workers under an extended research grant have been concerned with "Civic education for the Seventies," and have prepared a manual of objectives and guidelines for high school civic education. He is concerned with both the educational psychologist and with teachers in general; moral development and responsibility as it relates to the turmoil within the school situation. Dr. DeCecco received his PhD from the University of Pennsylvania and taught at Detroit and Columbia before moving to San Francisco State.



Dr. Konrad B. Krauskopf

Dr. Konrad B. Krauskopf (Stanford University) will participate in the Summer Colloquium in Science and Mathematics from June 28 to July 2. Dr. Krauskopf who earned his PhD in chemistry from California has taught in this country and in Germany and Norway within the fields of chemistry and geology. He is a specialist in petrology of igneous and metamorphic rocks; physical chemistry of ore solutions; trace elements in sea water and in sedimentary rocks.

Dr. Anne P. Kernaleguen (University of Alberta) will return to the USU campus this summer to teach two workshops and to work with her former doctoral students in the Department of Clothing and Textiles. Dr. Kernaleguen, a former CT department head at USU, now heads that same department at Alberta. She has a broad background on which to draw, having served as a high school teacher, educational consultant for McCall's in Canada, extension specialist, college teacher, administrator, researcher and author. Dr. Kernaleguen is chairman-elect of the Clothing and Textiles section of the American Home Economics Association and a participant in the Western Regional Technical Committee for CT.

Professor Brenda Branyan (Western Illinois University) will be the featured visiting faculty member for the Department of Instructional Media. Professor Branyan's current assignment is with WIU Department of Library Science where she specializes in reading guidance and use of non-book materials, as well as children's literature. She has experience as a guidance counselor, librarian, and public school teacher. She served as Director of the Student Library Assistant's Workshop at Western Michigan University for five summers. Professor Branyan served as Administrative Assistant for the Higher Education Act Institute for School Library Personnel held at Western Michigan University in 1968.

Dr. Wesley Becker (University of Oregon) will discuss "Techniques for effective classroom behavior" during the Psychology Department's workshop entitled: Divergent Views of the Teacher Learning Process. Dr. Becker who received his PhD from Stanford and his associates comprised one of the first groups in the nation to begin a rigorous application of the principles of behavior modification to the classroom itself. They demonstrated that pupil behavior in the classroom is a function of teacher behavior. Professor Becker will provide a synopsis of his work applying the principles of behavior to the educational environment and present new data relating these techniques to behavior changes and learning in the classroom.

Dr. Raymond Lowe (University of Oregon) will present the problem of "Family intervention for the emotionally based problems" during the Psychology Department's workshop: Divergent Views of the Teacher Learning Process. Dr. Lowe has a special interest in family problems. He founded (1958) and directs the "Community Parent" and was the former director of the University of Oregon VISTA training program. He holds a joint appointment in the Counseling Department and the Department of Special Education. He has been a consultant to the Department of Labor, Bureau of Employment. Dr. Lowe received his PhD from Northwestern.

Dr. H. Ronald Rouse (National Director, Woodrow Wilson Fellowship Foundation) will participate in the Scholarship Enrichment Program this summer. Dr. Rouse who is on leave from Tufts University received his PhD from Vanderbilt in the field of mathematics and philosophy. He has served as a consultant to the Harvard Business School and to numerous major insurance companies and medical research groups.

Dr. Rudolf Mossbauer (University of Munich) will participate in the Summer Colloquium in Science and Math. A professor of physics, he was awarded the Nobel Prize in 1961 for his work in the field. Dr. Mossbauer has taught at the California Institute of Technology and is currently at the Technical University of Munich, Germany.

NEW COURSE NUMBERING CODE

Recent action by the State Board of Higher Education has led to a Statewide renumbering of course offerings in all of the nine institutions in the State System of Higher Education. Because the Summer Quarter is the first quarter of the academic year, Utah State University will initiate the new numbering code at this time. Students should be alert to this change to avoid confusion in planning and later scheduling. The following numbers will help to explain general aspects of the new code.

100-199	Freshman courses
200-280	Sophomore courses
300-399	Junior courses
400-480	Senior courses
500-599	Advanced upper division
600-699	Master's level courses
700-799	Doctoral level courses

Courses with prefix: PS (physical science), LS (life science), SS (social science), HU (humanities) will satisfy requirements for General Education.

"H" following course designation indicates Honors Program.

"W" prior to course title indicates workshop

NOTE:

Extra work, beyond attendance, is required for all workshops of 2 weeks or less duration that offer 3 credit hours.

SCHEDULE BULLETIN SUMMER 1971

COLLEGE OF AGRICULTURE

C O U R S E

I N D E X	DEPT.	N U M B E R	S S E S I O N	C R E D I T	DAY	TIME	COURSE-TITLE	INSTRUCTOR	LOCATION
AGRICULTURAL ECONOMICS									
1001	AG EC	390	1 F	ARR	ARR	ARR	*SPECIAL READINGS	STAFF	ARR
1002	AG EC	390	1 S	ARR	ARR	ARR	*SPECIAL READINGS	STAFF	ARR
1003	AG EC	390	1 Q	ARR	ARR	ARR	*SPECIAL READINGS	STAFF	ARR
1004	AG EC	690	1 F	ARR	ARR	ARR	*SPECIAL PROBLEMS	STAFF	ARR
1005	AG EC	690	1 S	ARR	ARR	ARR	*SPECIAL PROBLEMS	STAFF	ARR
1006	AG EC	690	1 Q	ARR	ARR	ARR	*SPECIAL PROBLEMS	STAFF	ARR
1007	AG EC	697	1 Q	ARR	ARR	ARR	*THESIS	STAFF	ARR
1008	AG EC	699	1 Q	ARR	ARR	ARR	*CONT GRAD ADVISE	STAFF	ARR
AGRICULTURAL EDUCATION									
1009	AG ED	193	1 Q	ARR	ARR	ARR	OCCUP EXPR AGRIC	HATCH	AG ED 103
1010	AG ED	450	1 F	3'	ARR	ARR	SEC CURRIC SEM	LONG	AG S 252
1011	AG ED	625	1 F	ARR	ARR	ARR	SPECIAL PROBLEMS	STAFF	ARR
1012	AG ED	625	1 S	ARR	ARR	ARR	SPECIAL PROBLEMS	STAFF	ARR
1013	AG ED	625	1 Q	ARR	ARR	ARR	SPEC PROBLEMS	JARRETT	AG ED 103
1014	AG ED	680	1 Q	ARR	ARR	ARR	RES & THESIS	STAFF	ARR
1015	AG ED	690	1 F	3	ARR	ARR	SPECIAL PROBLEMS	LONG	ARR
1016	AG ED	691	1 Q	ARR	ARR	ARR	SP PROB VOC TCH	STAFF	ARR
1017	AG ED	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	LONG	AG S 252
ANIMAL SCIENCE									
1018	ANSCI	690	1 Q	ARR	ARR	ARR	**SPECIAL PROBLEMS	STAFF	ARR
1019	ANSCI	697	1 Q	ARR	ARR	ARR	**RES AND THESIS	STAFF	ARR
1020	ANSCI	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR
DAIRY SCIENCE									
1021	DYSCI	590	1 Q	ARR	ARR	ARR	**SPECIAL PROBLEMS	STODDARD	AN SC 201
1022	DYSCI	697	1 Q	ARR	ARR	ARR	*RESEARCH	STODDARD	AN SC 201
1023	DYSCI	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR
FOOD SCIENCE AND INDUSTRY									
1024	FS I	690	1 Q	ARR	ARR	ARR	SPECIAL PROBLEMS	STAFF	AN SC 211
1025	FS I	697	1 Q	ARR	ARR	ARR	RES AND THESIS	STAFF	AN SC 211
1026	FS I	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	AN SC 212
PLANT SCIENCE									
1027	PLSCI	690	1 Q	ARR	ARR	ARR	**SPECIAL PROBLEMS	STAFF	AG S 322
1028	PLSCI	697	1 Q	ARR	ARR	ARR	**RES & THESIS	STAFF	AG S 322
1029	PLSCI	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR
VETERINARY SCIENCE									
1030	V SCI	590	1 Q	ARR	ARR	ARR	SPECIAL PROBLEMS	STAFF	VET LAB
1031	V SCI	697	1 Q	ARR	ARR	ARR	THESIS RESEARCH	STAFF	VET LAB
1032	V SCI	698	1 Q	ARR	ARR	ARR	RESEARCH CONSULT	STAFF	VET LAB
1033	V SCI	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR
1034	V SCI	797	1 Q	ARR	ARR	ARR	DISS RESEARCH	STAFF	VET LAB
1035	V SCI	798	1 Q	ARR	ARR	ARR	RESEARCH CONSULT	STAFF	VET LAB
1036	V SCI	799	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	VET LAB

* INDICATES CLASSES REQUIRING PREREQUISITES
 ** SEE INSTRUCTOR
 \$\$ CLASSES REQUIRING SPECIAL FEES
 F = FIRST SESSION; S = SECOND SESSION; Q = QUARTER

SCHEDULE BULLETIN SUMMER 1971

COLLEGE OF BUSINESS

C O U R S E

I N D E X	DEPT.	N U M B E R	S E C T I O N	S E S S I O N	C R E D I T	DAY	TIME	COURSE-TITLE	INSTRUCTOR	LOCATION
BUSINESS EDUCATION										
1101	BE	761	1	S	3	DAILY	8:40- 9:40	ARTICULATION OF BE	IVARIE	B 107
1102	BE	795	1	F	ARR	ARR	ARR	**INDEP READING	BARTHLOME	B 718
1103	BE	795	1	S	ARR	ARR	ARR	**INDEP READING	IVARIE	B 711
1104	BE	797	1	F	ARR	ARR	ARR	RESEARCH	BARTHLOME	B 718
1105	BE	797	1	S	ARR	ARR	ARR	RESEARCH	IVARIE	B 711
1106	BE	799	1	Q	ARR	ARR	ARR	CONT GRAD ADVISE	IVARIE	B 711
ECONOMICS										
1107	ECON	SS 200	1	F	5	DAILY	7:50- 9:40	GENERAL ECONOMICS	HANSEN	B 311
1108	ECON	SS 200	1	Q	5	DAILY	11:00-12:00	GENERAL ECONOMICS	DURTSCHI	B 313
1109	ECON	SS 201	1	S	5	DAILY	7:50- 9:40	*ECONOMIC PROBLEMS	MARSTON	B 311
1110	ECON	SS 201	1	Q	5	DAILY	11:00-12:00	*ECONOMIC PROBLEMS	JENSEN	B 320
1111	ECON	302	1	F	3	DAILY	8:40- 9:40	ECON FOR TEACHERS	MARSTON	B 318
1112	ECON	500	1	S	4	MTWH	7:50- 9:40	*INCCME THEORY	WISEMAN	B 320
1113	ECON	501	1	F	4	MTWH	7:50- 9:40	*PRICE THEORY	JENSEN	B 320
1114	ECON	520	1	F	3	DAILY	9:50-10:50	INTRO TO LABOR	HANSEN	B 318
1115	ECON	530	1	S	3	DAILY	9:50-11:30	*BUSINESS & GOVT	DURTSCHI	B 318
1116	ECON	550	1	F	3	DAILY	11:00-12:00	*PUBLIC FINANCE	ASPLUND	B 218
1117	ECON	560	1	Q	5	DAILY	7:30- 8:30	*MONEY AND BANKING	LYON	B 302
1118	ECON	600	1	Q	3	ARR	ARR	*INCCME THEORY	WISEMAN	ARR
1119	ECON	614	1	F	2	ARR	ARR	*LIT OF ECON	LYON	B 310
1120	ECON	614	1	S	2	ARR	ARR	*LIT OF ECON	LYON	B 310
1121	ECON	614	1	Q	2	ARR	ARR	*LIT OF ECON	LYON	B 310
1122	ECON	690	1	F	ARR	ARR	ARR	*READ AND CONFER	STAFF	ARR
1123	ECON	690	1	S	ARR	ARR	ARR	*READ AND CONFER	STAFF	ARR
1124	ECON	690	1	Q	ARR	ARR	ARR	*READ AND CONFER	STAFF	ARR
1125	ECON	691	1	F	ARR	ARR	ARR	*INDEP RESEARCH	STAFF	ARR
1126	ECON	691	1	S	ARR	ARR	ARR	*INDEP RESEARCH	STAFF	ARR
1127	ECON	691	1	Q	ARR	ARR	ARR	*INDEP RESEARCH	STAFF	ARR
1128	ECON	697	1	F	ARR	ARR	ARR	*THESIS	STAFF	ARR
1129	ECON	697	1	S	ARR	ARR	ARR	*THESIS	STAFF	ARR
1130	ECON	697	1	Q	ARR	ARR	ARR	*THESIS	STAFF	ARR
1131	ECON	699	1	Q	ARR	ARR	ARR	*CONT GRAD ADVISE	STAFF	ARR
MILITARY SCIENCE										
1132	MS	205	1	Q	ARR	ARR	ARR	ADV SEM PROBLEMS	CHEATHAM	MS 208
1133	MS	304	1	Q	6	ARR	ARR	BASIC SUMMER CAMP	STAFF	ARR
1134	MS	305	1	Q	6	ARR	ARR	ADV ROTC SUMMER CAMP	STAFF	ARR
1135	MS	405	1	Q	ARR	ARR	ARR	ADV SEM PROBLEMS	CHEATHAM	MS 208

* INDICATES CLASSES REQUIRING PREREQUISITES
 ** SEE INSTRUCTOR
 \$\$ CLASSES REQUIRING SPECIAL FEES
 F = FIRST SESSION; S = SECOND SESSION; Q = QUARTER

SCHEDULE BULLETIN SUMMER 1971

COLLEGE OF EDUCATION

C O U R S E

I N D E X	DEPT.	N U M B E R	S E C T I O N	C R E D I T	DAY	TIME	COURSE-TITLE	INSTRUCTOR	LOCATION
		U N I T S	D E B I T S						
COMMUNICATIVE DISORDERS									
1136	COM D	100	1 Q	5	DAILY	1:20- 2:20	INTRO COM DIS	JOHNSON	MA 212
1137	COM D	105	1 F	3	DAILY	2:30- 3:30	SPCH IMP CLASS TCH	LITTLEDIKE	MA 212
1138	COM D	115	1 Q	5	DAILY	8:40- 9:40	FUND COM SCIENCE	VIEHMEG	MA 212
1139	COM D	170	1 F	3	DAILY	9:50-10:50	LANG HEAR SPCH DEV	JENSEN	MA 212
1140	COM D	175	1 F	3	DAILY	8:40- 9:40	PHONETICS	BERG	FL 301
1141	COM D	304	1 S	3	DAILY	1:20- 2:20	SPCH HRNG IMPAIR	BERG	MA 214
1142	COM D	307	1 Q	5	DAILY	2:30- 3:30	*BASIC AUDIOMETRY	TAYLOR	MA 214
1143	COM D	314	1 F	3	DAILY	1:20- 2:20	LANG DIS HRNG IMP	CLARK	MA 214
1144	COM D	541	1 F	ARR	ARR	ARR	INTERN SP PATH	STAFF	SHC
1145	COM D	541	1 S	ARR	ARR	ARR	INTERN SP PATH	STAFF	SHC
1146	COM D	544	1 F	ARR	ARR	ARR	INTERN ED AUD	STAFF	SHC
1147	COM D	544	1 S	ARR	ARR	ARR	INTERN ED AUD	STAFF	SHC
1148	COM D	547	1 F	ARR	ARR	ARR	INTERN AUDIOLOGY	STAFF	SHC
1149	COM D	547	1 S	ARR	ARR	ARR	INTERN AUDIOLOGY	STAFF	SHC
1150	COM D	590	1 F	ARR	ARR	ARR	INDEP STUDY	STAFF	ARR
1151	COM D	590	1 S	ARR	ARR	ARR	INDEP STUDY	STAFF	ARR
1152	COM D	610	1 F	4	DAILY	9:50-12:00	MED BACKGROUND	LITTLEDIKE	MA 214
1153	COM D	637	1 S	3	DAILY	12:10- 1:10	*DIFF DIAG AUD DIS	TAYLOR	MA 214
1154	COM D	685	1 S	2	ARR	ARR	SEMINAR (ED AUD)	BERG	ARR
1155	COM D	685	1 F	2	ARR	ARR	SEMINAR (AUD)	TAYLOR	ARR
1156	COM D	697	1 F	ARR	ARR	ARR	THESIS	STAFF	ARR
1157	COM D	697	1 S	ARR	ARR	ARR	THESIS	STAFF	ARR
1158	COM D	699	1 F	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR
1159	COM D	699	1 S	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR

EDUCATIONAL ADMINISTRATION

1160	ED	AD	654	1	F	3	T-H	1:20- 3:40	ORG ADM EDUC	STRAWSER	L 404
1161	ED	AD	656	1	S	3	M W	11:20- 3:40	EL SCH ADMIN	STAFF	L 402
1162	ED	AD	657	1	S	3		1:20- 3:40	SEC SCH ADMIN	HATCH	L 406
1163	ED	AD	660	1	F	3	DAILY	7:30- 8:30	HIST PHIL FOUND	SINGH	ED 112
1164	ED	AD	660	1	S	3	DAILY	8:40- 9:40	HIST PHIL FOUND	HANSEN	L 404
1165	ED	AD	661	1	F	3	DAILY	12:10- 1:10	ORG ADM SPEC ED	WININGER	L 406
1166	ED	AD	665	1	S	3	DAILY	11:00-12:00	SYS ANAL APP ED	JACOBSON	L 406
1167	ED	AD	666	1	F	3	DAILY	8:40- 9:40	INTRO RES EDUC	SINGH	L 456
1168	ED	AD	666	1	S	3	DAILY	8:40- 9:40	INTRO RES EDUC	WININGER	L 456
1169	ED	AD	667	1	S	3	DAILY	9:50-10:50	RES PSY & EDUC	SHAYER	L 452
1170	ED	AD	670	1	F	3	DAILY	9:50-10:50	PUB REL EDUC	GROUTAGE	L 452
1171	ED	AD	674	1	F	3	M W	1:20- 3:40	LEG ASP SCH ADM	HATCH	L 404
1172	ED	AD	697	1	F	ARR	ARR		**RES & THESIS	STAFF	ARR
1173	ED	AD	697	1	S	ARR	ARR		**RES & THESIS	STAFF	ARR
1174	ED	AD	699	1	F	ARR	ARR		**CONT GRAD ADVISE	STAFF	ARR
1175	ED	AD	699	1	S	ARR	ARR		**CONT GRAD ADVISE	STAFF	ARR
1176	ED	AD	745	1	F	3	DAILY	7:30- 8:30	SCH PLANT PLAN	CRUCE	L 406
1177	ED	AD	749	1	F	1	DAILY	8:40- 9:40	JUNIOR COLLEGE	KERR	P 201
1178	ED	AD	750	1	F	3	DAILY	9:50-10:50	SCHOOL FINANCE	WININGER	ED 112
1179	ED	AD	760	1	F	3	DAILY	11:00-12:00	PHIL EDUC ADV	HANSEN	L 408
1180	ED	AD	761	1	S	3	DAILY	9:50-10:50	FOUND OF EDUC	HANSEN	L 406
1181	ED	AD	778	1	S	3	DAILY	1:20- 4:20	GRP PROC ED LDSPH	RYAN	L 458
1182	ED	AD	793	1	F	ARR	ARR		**READ AND CONFER	STAFF	ARR
1183	ED	AD	793	1	S	ARR	ARR		**READ AND CONFER	STAFF	ARR
1184	ED	AD	797	1	F	ARR	ARR		**FIELD ST THESIS	STAFF	ARR
1185	ED	AD	797	1	S	ARR	ARR		**FIELD ST THESIS	STAFF	ARR
1186	ED	AD	799	1	Q	ARR	ARR		**CONT GRAD ADVISE	STAFF	ARR

ELEMENTARY EDUCATION

1187	EL	ED	301	1	F	5	DAILY	8:40- 9:40	FOUND STUDIES TEACH	MONSON	EB 102
1188	EL	ED	410	1	F	3	DAILY	12:10- 1:10	TEACH LANG ARTS	WIGGINS	ED 101
1189	EL	ED	415	1	F	3	DAILY	9:50-10:50	TEACH READING	JOHNSON	ED 101
1190	EL	ED	415	1	S	3	DAILY	11:00-12:00	TEACH READING	JOHNSON	EB 102
1191	EL	ED	420	1	F	3	DAILY	11:00-12:00	TEACH SOC STUDIES	MONSON	ED 102
1192	EL	ED	425	1	F	3	DAILY	7:30- 8:30	TEACH SCIENCE	TAYLOR	ED 126
1193	EL	ED	430	1	F	3	DAILY	8:40- 9:40	TEACH MATHEMATICS	ADKINS	ED 112
1194	EL	ED	435	1	F	4	DAILY	7:30- 8:30	KINDERGARTEN EDUC	PUGMIRE	EB 108
1195	EL	ED	436	1	F	3	ARR	ARR	CUR KNOGRTN PRACT	STAFF	ARR
1196	EL	ED	437	1	F	3	ARR	ARR	KINDERGARTN HTLS	STAFF	ARR
1197	EL	ED	450	1	F	3	DAILY	1:20- 2:20	EL CURRIC SEMINAR	TAYLOR	EB 126
1198	EL	ED	465	1	F	6	ARR	ARR	\$*MOD STUDENT TCH	WIGGINS	ARR
1199	EL	ED	466	1	F	3	ARR	ARR	\$*MOD STUDENT TCH	JACKSON	ARR
1200	EL	ED	507	1	F	3	ARR	ARR	W AEROSPACE EDUC	HAILES	P 105
JUNE 7-11											
1201	EL	ED	615	1	S	3	DAILY	9:50-10:50	*FOUND CURRIC DEV	MONSON	EB 102
1202	EL	ED	620	1	F	3	DAILY	8:40- 9:40	*IMP KINDERGARTEN	PUGMIRE	EB 108
1203	EL	ED	621	1	F	3	ARR	ARR	*W WRKSP KNOGRTN	STAFF	EB
JULY 12-16											
1204	EL	ED	625	1	F	3	DAILY	9:50-10:50	*CIAG OF READING	MOWER	CURR LIB
1205	EL	ED	636	1	S	3	DAILY	8:40- 9:40	*REM READ INST	MOWER	CURR LIB
1206	EL	ED	637	1	S	3	DAILY	1:20- 2:20	*PRACT REM READING	MOWER	CURR LIB

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SCHEDULE BULLETIN SUMMER 1971

COLLEGE OF EDUCATION

C O U R S E

			N U M B E R	S S C S T I U N	C R E D I T	DAY	TIME	COURSE-TITLE	INSTRUCTOR	LOCATION
ELEMENTARY EDUCATION										
1207	EL ED	640	1 F	3	DAILY	1:20- 2:20	*CURRENT PROBLEMS	ALLRED		ED 112
1208	EL ED	640	1 S	3	DAILY	8:40- 9:40	*CURRENT PROBLEMS	JACKSON		ED 102
1209	EL ED	645	1 S	3	DAILY	7:30- 8:30	*CREAT ED EL SCH	STAFF		ED 102
1210	EL ED	665	1 S	3	DAILY	1:20- 2:20	*IMP READING INST	JOHNSON		ED 112
1211	EL ED	670	1 F	3	DAILY	11:00-12:00	*IMP SCIENCE INST	ADKINS		ED 102
1212	EL ED	675	1 S	3	DAILY	7:30- 8:30	*IMP MATH INST	ADKINS		ED 102
1213	EL ED	680	1 S	3	DAILY	11:00-12:00	*IMP SOC ST INST	ALLRED		ED 112
1214	EL ED	685	1 S	3	DAILY	12:10- 1:10	*IMP LANG ARTS INST	WIGGINS		ED 101
1215	EL ED	693	1 Q	ARR	ARR	ARR	*REAC AND CONFER	STAFF		ARR
1216	EL ED	697	1 Q	ARR	ARR	ARR	*RES AND THESIS	STAFF		ARR
1217	EL ED	698	1 Q	ARR	ARR	ARR	*RES CONSULT	STAFF		ARR
1218	EL ED	699	1 Q	ARR	ARR	ARR	**CONT GRAD ADVISE	STAFF		ARR
1219	EL ED	712	1 F	ARR	ARR	ARR	STUD TEACH SUPERV	DRAKE		ARR
THEORIES OF TEACHING--SEE SEC EDUCATION 720										
1220	EL ED	797	1 Q	ARR	ARR	ARR	**FIELD ST THESIS	STAFF		ARR
1221	EL ED	799	1 Q	ARR	ARR	ARR	**CONT GRAD ADVISE	STAFF		ARR
INSTRUCTIONAL MEDIA										
1222	IM	501	1 F	3	DAILY	11:00-12:00	LIBRARY REF SERV	WOOD		L 220
1223	IM	511	1 F	3	DAILY	7:30- 8:30	LIBR MTLs SELECTION	BRANYAN		L 220
1224	IM	512	1 F	3	DAILY	9:50-10:50	**READING GUIDANCE	BRANYAN		L 220
1225	IM	521	1 F	3	DAILY	2:30- 3:30	\$\$CATALG IN GLASS	HOHL		L 216
1226	IM	531	1 F	3	DAILY	12:10- 1:10	*INC ADMINISTRATION	STONE		L 216
1227	IM	536	1 S	3	DAILY	1:20- 2:20	COMMUNIC & LIBR	WOOD		L 216
1228	IM	539	1 F	3	DAILY	1:30- 5:00	**FIELD WCRK	WARDLE		ARR
1229	IM	539	1 S	3	DAILY	1:30- 5:00	**FIELD WCRK	WARDLE		ARR
1230	IM	541	1 F	3	DAILY	8:40- 9:40	UTIL OF AV MEDIA	ESSIG		L 216
1231	IM	541	1 S	3	DAILY	7:30- 8:30	UTIL OF AV MEDIA	BEUTLER		L 216
1232	IM	551	1 F	3	MTW	7:30- 9:20	\$\$PRD OF AV MTLs	BEUTLER		L 204
1233	IM	551	2 F	3	MTW	9:50-11:40	\$\$PRD OF AV MTLs	BEUTLER		L 204
1234	IM	551	1 S	3	MTW	11:00-12:50	\$\$PRD OF AV MTLs	CHRISTENSEN		L 204
1235	IM	552	1 S	3	MTW	8:40-10:30	\$\$LOCAL PRCD AV MTL	SMELLIE		L 204
1236	IM	561	1 F	3	DAILY	1:20- 2:20	*INST MED COM THRY	ESSIG		L 216
1237	IM	590	1 F	3	ARR	ARR	**INDEPENDENT STUDY	STAFF		ARR
1238	IM	590	1 S	3	ARR	ARR	**INDEPENDENT STUDY	STAFF		ARR
1239	IM	611	1 F	3	DAILY	11:00-12:00	EVAL SEL INST MTL	SMELLIE		L 216
1240	IM	631	1 S	3	DAILY	11:00-12:00	*LIBR ADMIN & MGT	WOOD		L 216
1241	IM	697	1 F	ARR	ARR	ARR	*RES AND THESIS	STAFF		ARR
1242	IM	697	1 S	ARR	ARR	ARR	*RES AND THESIS	STAFF		ARR
1243	IM	699	1 F	ARR	ARR	ARR	*CONT GRAD ADVISE	STAFF		ARR
1244	IM	699	1 S	ARR	ARR	ARR	*CONT GRAD ADVISE	STAFF		ARR
SECONDARY EDUCATION										
1245	SEC ED	301	1 F	5	DAILY	7:30- 9:40	FND STUDIES TCH	TEW		ED 101
1246	SEC ED	310	1 S	5	DAILY	9:50-12:00	TEACH SCC STUDIES	KNIGHT		ED 101
1247	SEC ED	320	1 S	5	DAILY	11:00- 1:00	TEACH ENGLISH	STRONG		ED 102
1248	SEC ED	330	1 S	5	DAILY	8:40-10:50	TEACH SCIENCE	SAUNDERS		ED 112
1249	SEC ED	450	1 F	3	DAILY	1:20- 2:20	\$\$\$EC CURR SEMINAR	DRAKE		ARR
1250	SEC ED	465	1 F	6	ARR	ARR	MOD STUDENT TCH	DRAKE		ARR
1251	SEC ED	507	1 F	3	ARR	ARR	W AEROSPACE EDUC	HAILES		P 105
JUNE 7-11										
1252	SEC ED	602	1 F	4	ARR	ARR	ST TCH HIGHER ED	DRAKE		ED 113
1253	SEC ED	604	1 S	3	DAILY	9:50-10:50	MEAS & EVAL EDUC	ALLEN		ED 102
1254	SEC ED	610	1 F	3	DAILY	8:40- 9:40	IMPROVE READING	STRONG		ED 102
1255	SEC ED	615	1 F	3	DAILY	12:10- 1:10	FOUND CURR DEV	KNIGHT		ED 102
1256	SEC ED	625	1 S	3	DAILY	8:40- 9:40	CURR PRB SEC ED	ALLEN		ED 102
1257	SEC ED	630	1 F	3	DAILY	11:00-12:00	ENGL CURR INST	STRONG		ED 101
1258	SEC ED	635	1 F	3	DAILY	1:20- 2:20	SCC ST CURR INST	KNIGHT		ED 102
1259	SEC ED	640	1 F	3	DAILY	11:00-12:00	SCI CURR INST	SAUNDERS		ED 112
1260	SEC ED	645	1 F	3	DAILY	1:20- 2:20	MATH CURR INST	ALLEN		ED 101
1261	SEC ED	650	1 F	3	DAILY	11:00-12:00	SPEECH CURR INST	BLACK		W 315
1262	SEC ED	660	1 F	3	DAILY	8:40- 9:40	MOD LANG CURR INST	SMITH		W 201
1263	SEC ED	693	1 F	ARR	ARR	ARR	READ AND CONFER	SAUNDERS		ARR
1264	SEC ED	693	1 S	ARR	ARR	ARR	READ AND CONFER	STAFF		ARR
1265	SEC ED	697	1 F	ARR	ARR	ARR	RES AND THESIS	STAFF		ARR
1266	SEC ED	697	1 S	ARR	ARR	ARR	RES AND THESIS	STAFF		ARR
1267	SEC ED	698	1 F	ARR	ARR	ARR	RES CONSULT	STAFF		ARR
1268	SEC ED	698	1 S	ARR	ARR	ARR	RES CONSULT	STAFF		ARR
1269	SEC ED	699	1 F	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF		ARR
1270	SEC ED	699	1 S	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF		ARR
1271	SEC ED	710	1 S	3	DAILY	12:10- 1:10	SUPERV PUB SCH	FARRER		ED 112
1272	SEC ED	714	1 F	2	ARR	ARR	W WKSPH SUP ST TCH	DRAKE		ARR
JUNE 7-11										
1273	SEC ED	720	1 S	3	DAILY	7:30- 8:30	THEORIES TEACH	ALLRED		ED 112
1274	SEC ED	730	1 F	3	DAILY	12:10- 1:10	CURRIC DEVELOP	FARRER		ED 112

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SCHEDULE BULLETIN SUMMER 1971

COLLEGE OF EDUCATION

C O U R S E

I N C E X	DEPT.	N U M B E R	S E C S I O N	C R E D I T	DAY	TIME	COURSE-TITLE	INSTRUCTOR	LOCATION
SECONDARY EDUCATION									
1275	SEC ED	793	1 F	ARR	ARR	ARR	READ AND CONFER	STAFF	ARR
1276	SEC ED	793	1 S	ARR	ARR	ARR	READ AND CONFER	STAFF	ARR
1277	SEC ED	797	1 F	ARR	ARR	ARR	FIELD ST THESIS	STAFF	ARR
1278	SEC ED	797	1 S	ARR	ARR	ARR	FIELD ST THESIS	STAFF	ARR
1279	SEC ED	798	1 F	ARR	ARR	ARR	RES CONSULT	STAFF	ARR
1280	SEC ED	798	1 S	ARR	ARR	ARR	RES CONSULT	STAFF	ARR
1281	SEC ED	799	1 F	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR
1282	SEC ED	799	1 S	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR

SPECIAL EDUCATION

1283	SP ED	101	1 S	3	DAILY	8:40- 9:40	ORIENTATION	BRADY	AG S 302
1284	SP ED	301	1 F	3	DAILY	7:30- 8:30	EDUC OF EXC CHILD	PUBLICCOVER P	AG S 234
1285	SP ED	302	1 F	3	DAILY	2:30- 3:30	DIAG TRMT LEARN DIFF	HCFMEISTER	AG S 234
1286	SP ED	303	1 F	3	DAILY	8:40- 9:40	BEHAVIOR MGT SP ED	RICKERT	AG S 302
1287	SP ED	501	1 F	ARR	ARR	ARR	**FIELD EXP EXC CHILD	STAFF	ARR
1288	SP ED	501	1 S	ARR	ARR	ARR	**FLD EXP EXC CHILD	STAFF	ARR
1289	SP ED	502	1 F	ARR	ARR	ARR	\$STUDENT TEACHING	COLLINS	ARR
1290	SP ED	502	1 S	ARR	ARR	ARR	\$STUDENT TEACHING	COLLINS	ARR
1291	SP ED	512	1 F	3	DAILY	1:20- 2:20	CURRIC FOR MR	COLLINS	AG S 234
1292	SP ED	601	1 S	3	ARR	ARR	COUN PAR EXC CHILD	FIFIELD	ARR
1293	SP ED	602	1 S	3	DAILY	2:30- 3:30	DIAG PROGRAMMING INSTR	HCFMEISTER	AG S 234
1294	SP ED	603	1 F	ARR	ARR	ARR	**PRACT CLINICAL TEACHING	STAFF	ARR
1295	SP ED	603	1 S	ARR	ARR	ARR	**PRACT CLINICAL TEACHING	STAFF	ARR
1296	SP ED	611	1 F	3	CAILY	7:30- 8:30	MR EITCL TREAT	PETERSON	FZ 208
1297	SP ED	612	1 F	3	DAILY	8:40- 9:40	PROB TEACH MENT HANDI	PETERSON	FZ 208
1298	SP ED	613	1 S	3	DAILY	7:30- 8:30	DIAG MENT RETARDATION	PETERSON	FZ 208
1299	SP ED	614	1 S	3	DAILY	8:40- 9:40	VOC HAB FOR MR	PETERSON	FZ 208
1300	SP ED	621	1 F	3	DAILY	7:30- 8:30	AS LANG BEHV DIS	PUBLICCOVER P	AG S 311
1301	SP ED	682	1 S	3	DAILY	7:30- 8:30	CLASSROOM MGT MENT HLTH	PUBLICCOVER P	AG S 311
1302	SP ED	691	1 F	ARR	ARR	ARR	**READ AND CONFER	STAFF	ARR
1303	SP ED	691	1 S	ARR	ARR	ARR	**READ AND CONFER	STAFF	ARR
1304	SP ED	697	1 Q	ARR	ARR	ARR	**RES AND THESIS	STAFF	ARR
1305	SP ED	699	1 Q	ARR	ARR	ARR	**CONT GRAD ADVISE	STAFF	ARR
1306	SP ED	792	1 Q	ARR	ARR	ARR	**FIELD ST THESIS	STAFF	ARR
1307	SP ED	793	1 F	ARR	ARR	ARR	**INTERNSHIP	STAFF	ARR
1308	SP ED	793	1 S	ARR	ARR	ARR	**INTERNSHIP	STAFF	ARR
1309	SP ED	797	1 Q	ARR	ARR	ARR	**RES AND THESIS	STAFF	ARR
1310	SP ED	799	1 Q	ARR	ARR	ARR	**CONT GRAD ADVISE	STAFF	ARR

HEALTH PHYSICAL EDUCATION AND RECREATION

PROFESSIONAL COURSES

1311	HE P	190	1 S	3	DAILY	7:30- 8:30	FIRST AID	FULLER	HPER 118
1312	PE P	205	1 S	2	ARR	ARR	SPGRS OFFICIATING	MENDINI	HPER 213
1313	PE P	317	1 F	1	ARR	ARR	DR PREC ONCE WKSHP JUNE 21-25	FULLMER	HPER 213
1314	PE P	320	1 F	3	DAILY	1:20- 2:20	CONST PE EQ EL SCH	DOWNS	HPER 102
1315	PE P	330	1 S	3	DAILY	11:00-12:00	CURR METH PE HANDI	DOWNS	HPER 112
1316	RE P	400	1 F	3	DAILY	8:40- 9:40	SOCIAL REC LDRSHIP	BURNETT	HPER 209
1317	RE P	410	1 F	12	ARR	ARR	INTERN RECREATION	BURNETT	ARR
1318	HE P	430	1 S	2	DAILY	11:00-12:00	SAFETY EDUCATION	FULLER	HPER 116
1319	HE P	440	1 F	3	DAILY	8:40- 9:40	ALCOHOL TOBACCO ED	NELSON	HPER 116
1320	HE P	442	1 F	3	DAILY	12:10- 1:10	DRUG USE & ABUSE	NALDER	HPER 116
1321	PE P	461	1 S	2	DAILY	12:10- 1:10	LIFE SAVING	RASMUSSEN	HPER 112
1322	PE P	462	1 S	2	DAILY	12:10- 1:10	WATER SAFETY INSTR	RASMUSSEN	HPER 112
1323	RE P	551	1 F	3	DAILY	11:00-12:00	PHIL OF RECREATION	BURNETT	HPER 110
1324	PE P	590	1 Q	ARR	ARR	ARR	INDEPENDENT STUDY	NELSON	ARR
1325	PE P	630	1 F	3	DAILY	11:00-12:00	ANAL SPORTS PERFORM	NELSON	HPER 114
1326	PE P	642	1 S	3	DAILY	8:40- 9:40	CURRICULUM	MCCLELLAN	HPER 112
1327	PE P	651	1 F	3	DAILY	9:50-10:50	PROBLEMS & ISSUES	MCCLELLAN	HPER 112
1328	PE P	660	1 F	3	DAILY	7:30- 8:30	RES METH IN HPER	NALDER	HPER 110
1329	PE P	670	1 S	2	DAILY	9:50-10:50	PSY ASP SPRT PERFOR	NELSON	HPER 110
1330	PE P	683	1 F	2	ARR	ARR	SEMINAR	JONES	HPER 114
							SPORTS IN AMERICAN LIFE JULY 5-16		
1331	PE P	683	1 S	3	DAILY	11:00-12:00	SEMINAR (MOTOR LEARNING)	MCCLELLAN	HPER 114
1332	PE P	697	1 Q	ARR	ARR	1:20- 2:20	RES AND THESIS	STAFF	ARR
1333	PE P	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR

ACTIVITY COURSES

1334	PE W	100	1 F	1	DAILY	9:50-10:50	BASIC PHYS EDUC	BROWN	HPER 211
1335	PE W	100	1 S	1	DAILY	11:00-12:00	BASIC PHYS EDUC	GARDNER	HPER 211
1336	PE MW	109	1 F	1	DAILY	7:30- 8:30	BOWLING	BROWN	UC
1337	PE MW	109	1 S	1	DAILY	7:30- 8:30	BOWLING	GARDNER	UC
1338	PE MW	109	2 S	1	DAILY	9:50-10:50	BOWLING	RASMUSSEN	UC

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[illegible]

1339	PE MW	110	1 F	1 DAILY	9:50-10:50	BOWLING (INTERM)	CHASE	UC
1340	PE MW	113	1 F	1 DAILY	12:10- 1:10	BODY CONDITIONING	DOWNS	HPER 211
1341	PE W	113	1 S	1 DAILY	12:10- 1:10	BODY CONDITIONING	DOWNS	HPER 213
1342	PE MW	118	1 F	1 DAILY	11:00-12:00	ARCHERY	CHASE	FH
1343	PE MW	120	1 F	1 DAILY	9:50-10:50	GOLF	MENDINI	HPER 118
1344	PE MW	120	2 F	1 DAILY	1:20- 2:20	GOLF	BURNETT	HPER 118
1345	PE MW	120	1 S	1 DAILY	9:50-10:50	GOLF	GARDNER	HPER 118
1346	PE MW	120	2 S	1 DAILY	1:20- 2:20	GOLF	RASMUSSEN	HPER 118
1347	PE M	122	1 F	1 DAILY	9:50-10:50	HANDBALL	NALDER	HPER 110
1348	PE M	122	1 S	1 DAILY	11:00-12:00	HANDBALL	MENDINI	HPER 110
1349	PE MW	133	1 F	1 DAILY	9:50-10:50	FENCING	DOWNS	HPER 201
1350	PE MW	134	1 F	1 DAILY	12:10- 1:10	BADMINTON	MCCLELLAN	HPER 201
1351	PE MW	134	1 S	1 DAILY	12:10- 1:10	BADMINTON	DOWNS	HPER 201
1352	PE MW	136	1 F	1 DAILY	8:40- 9:40	TENNIS	CHASE	HPER 110
1353	PE MW	136	2 F	1 DAILY	1:20- 2:20	TENNIS	MCCLELLAN	HPER 110
1354	PE MW	136	1 S	1 DAILY	8:40- 9:40	TENNIS	RASMUSSEN	HPER 110
1355	PE MW	136	2 S	1 DAILY	1:20- 2:20	TENNIS	GARDNER	HPER 110
1356	PE MW	178	1 S	1 DAILY	1:20- 2:20	BALLROOM DANCE	FULLER	HPER 102

1357	PSY	SS	101	1	Q	5	DAILY	11:00-12:00	GEN PSYCHOLOGY	SHARP	ED 214
1358	PSY		110	1	F	3	DAILY	9:50-10:50	*HUMAN DEV GENERAL	CASTO	ED 306
1359	PSY		110	1	S	3	DAILY	11:00-12:00	*HUMAN DEV GENERAL	CSBORNE	ED 306
1360	PSY		111	1	Q	3	M W F	8:40-9:40	*HUMAN DEV EXP CHILD	OSBORNE	ED 306
1361	PSY		141	1	Q	4	M W F	8:40-9:40	*SALAN BEHAV BAS PRIN	POWERS	B 116
1362	PSY		270	1	S	3	DAILY	12:10-1:10	*MENTAL HYGIENE	ALLEN	ED 306
1363	PSY		313	1	S	3	DAILY	1:20-2:20	*HUMAN DEVEL EXC CH	PUBLICCOVER P	ED 306
1364	PSY		320	1	F	3	DAILY	8:40-9:40	*SCH GUIDANCE SERV	ALLEN	B 218
1365	PSY		321	1	F	3	DAILY	9:50-10:50	*ABNORMAL	PETERSON	ED 214
1366	PSY		340	1	Q	3	M W F	11:00-12:00	*PSY OF LEARNING	POWERS	B 315
1367	PSY		349	1	F	3	DAILY	8:40-9:40	*MOTIVATION	PRIOULLAUD	ED 214
1368	PSY		351	1	F	3	DAILY	1:20-2:20	*SOCIAL	PRIOULLAUD	ED 306
1369	PSY		351	1	S	3	DAILY	1:20-2:20	*SOCIAL	PRIOULLAUD	ED 214
1370	PSY		366	1	F	3	DAILY	12:10-1:10	*EDUCATIONAL	NIELSEN	ED 306
1371	PSY		366	1	S	3	DAILY	9:50-10:50	*EDUCATIONAL	ALLEN	ED 306
1372	PSY		380	1	F	3	DAILY	1:20-2:20	*STATISTICAL METH	CHECKETTS	ED 306
1373	PSY		380	1	S	3	DAILY	1:20-2:20	*STATISTICAL METH	CHECKETTS	ED 214
1374	PSY		409	1	Q	3	M W F	9:50-10:50	*HISTORY OF PSY	CROSSMAN	B 116
1375	PSY		530	1	Q	5	DAILY	11:00-12:00	*PSYCHEMETRICS	BERTOCH	L 404
1376	PSY		546	1	Q	3	M W F	2:30-3:30	*PHYSIOLOGICAL	CHENEY	ED 306
1377	PSY		555	1	F	3	DAILY	12:10-1:10	*BUSINESS & INDUSTRY	CRAGUN	B 311
1378	PSY		610	1	S	3	DAILY	8:40-9:40	*HUM DEV CHILD PSY	CASTO	ED 214
1379	PSY		614	1	F	3	DAILY	9:50-10:50	*HUM DEV ADOLFS	BERGESON	B 311
1380	PSY		614	1	S	3	DAILY	9:50-10:50	*HUM DEV ADOLFS	BERGESON	ED 214
1381	PSY		620	1	Q	3	MTW	3:40-5:50	*PRIN COUNSEL	NIELSEN	ED 306
1382	PSY		621	1	Q	3	MTW	3:40-5:50	*THEGRIES COUNSEL	NIELSEN	ED 112
1383	PSY		626	1	F	3	DAILY	11:00-12:00	*CAREER INFORMATION	BERTOCH	ED 306
1384	PSY		627	1	S	3	DAILY	11:00-12:00	*THEOR OF VOC DEV	BERTOCH	L 458
1385	PSY		631	1	S	3	DAILY	12:10-1:10	*INDIV INTELL TEST	CASTO	L 406
1386	PSY		635	1	Q	3	ARR	ARR	*PRACT IN COUNSEL	MORRILL	ARR
1387	PSY		635	2	Q	3	ARR	ARR	*PRACT IN COUNSEL	BERGESON	ARR
1388	PSY		666	1	F	3	DAILY	7:30-8:30	*PRIN LEARN TEACH	STONE	ED 306
1389	PSY		666	1	S	3	DAILY	7:30-8:30	*PRIN LEARN TEACH	STONE	ED 306
1390	PSY		680	1	F	3	DAILY	8:40-9:40	*STAT METH & DES	CHECKETTS	B 211
1391	PSY		680	1	S	3	DAILY	9:50-10:50	*STAT METH & DES	SHAVER	B 311
1392	PSY		681	1	Q	3	H	2:30-5:30	*SEMINAR	CHENEY	ED 306
1393	PSY		690	1	Q	2	ARR	ARR	*READ AND CONFER	STAFF	ARR
1394	PSY		697	1	Q	ARR	ARR	ARR	*THESIS	STAFF	ARR
1395	PSY		699	1	Q	ARR	ARR	ARR	*CUNT GRAD ADVISE	STAFF	ARR
1396	PSY		712	1	Q	3	M W F	2:30-3:30	*EXP CHILD PSY	OSBORNE	ED 214
1397	PSY		713	1	S	3	ARR	ARR	*EXCEPT CHILDREN	PUBLICCOVER P	ARR
1398	PSY		721	1	F	3	DAILY	1:20-2:20	*PERSONALITY	SHARP	L 406
1399	PSY		722	1	S	3	DAILY	1:20-2:20	*GROUP PROCESSES	MORRILL	

S4

SCHEDULE BULLETIN SUMMER 1971

COLLEGE OF ENGINEERING

C O U R S E

I N D E X	DEPT.	N U M B E R	S E C E S S I O N	C R E D I T	DAY	TIME	COURSE-TITLE	INSTRUCTOR	LOCATION
CIVIL ENGINEERING									
1406	CE	200	1 Q	3	M W F	9:50-10:50	ENGR MECH STATICS	STAFF	EC 306
1407	CE	202	1 Q	5	MTWTF	7:30- 8:30	ENGR MECH DYNAMICS	STAFF	EC 306
1408	CE	693	1 Q	0	ARR	ARR	SPECIAL PROBLEMS	STAFF	ARR
1409	CE	697	1 Q	ARR	ARR	ARR	THESIS RESEARCH	STAFF	ARR
1410	CE	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR
ELECTRICAL ENGINEERING									
1411	EE	271	1 Q	5	M WHF	8:40- 9:40	*ELECTRIC CKTS	STAFF	EC 306
1412	EE	491	1 Q	2	ARR	ARR	*DESIGN	COLE	EL 118
1413	EE	493	1 Q	ARR	ARR	ARR	*SPECIAL STUDIES	STAFF	ARR
1414	EE	497	1 Q	ARR	ARR	ARR	*HONORS STUDIES	STAFF	ARR
1415	EE	565	1 Q	3	T-H	9:50-11:15	*ANAL COMPUTERS	STAFF	EL 109
1416	EE	565A	0	ARR	ARR	ARR	LAB	FLETCHER	EL 125
1417	EE	580	1 Q	4	M WHF	9:50-10:50	*DIGITAL LOGIC	STAFF	EL 125
1418	EE	624	1 F	3	M WHF	8:40- 9:40	*NETWORK ANAL SYNTH	WATKINS	EL 125
1419	EE	693	1 Q	ARR	ARR	ARR	*SPECIAL PROBLEMS	STAFF	ARR
1420	EE	697	1 Q	ARR	ARR	ARR	*THESIS RES	STAFF	ARR
1421	EE	699	1 Q	ARR	ARR	ARR	*CONT GRAD ADVISE	STAFF	ARR
1422	EE	797	1 Q	ARR	ARR	ARR	*THESIS RES	STAFF	ARR
1423	EE	799	1 Q	ARR	ARR	ARR	*CONT GRAD ADVISE	STAFF	ARR
GENERAL ENGINEERING									
1424	GE	102	1 Q	1	T	7:30- 8:30	SLIDE RULE INSTR	STAFF	EL 125
1425	GE	103	1 Q	2	T-H	11:00-12:00	*DIGITAL COMP UTIL	STAFF	EL 125
INDUSTRIAL AND TECHNICAL EDUCATION									
1426	ITE	120	1 F	3	DAILY	9:50-12:00	TECHNICAL DRAWING	WALLIS	EL 248
1427	ITE	130	1 F	3	DAILY	8:40-11:00	DIR CURRENT ELECT	FRANCE	MA 104
1428	ITE	151	1 F	3	DAILY	3:40- 5:40	MACHINE SHOP OPER	PALMER	IS 114
1429	ITE	155	1 S	3	DAILY	9:50-10:50	AUTO MECH FOR DRIVE	WILLEY	T 108
1430	ITE	170	1 S	3	DAILY	7:30- 9:40	TECHNICAL WOODS	HICKEN	MA 109
1431	ITE	340	1 F	3	DAILY	9:50-10:50	TEACH DR SAFETY ED	WILLEY	T 108
1432	ITE	341	1 F	3	DAILY	11:00-12:00	DRIVE DR TRAF SFTY	WILLEY	T 108
1433	ITE	342	1 S	3	DAILY	11:00-12:00	PRCB DRIVE SAFE ED	WILLEY	T 108
1434	ITE	504	1 S	3	DAILY	9:50-12:00	PROC TECH FOR IE	HICKEN	IS 102
1435	ITE	505	1 F	1	ARR	ARR	TR IND TECH WKSH	WALLIS	EC 106
							JUNE 7-11		
1436	ITE	505	1 Q	3	DAILY	8:40-12:00	TR IND TECH WKSH	STAFF	IS 104
1437	ITE	506	1 F	1	ARR	ARR	VOC TCH ADM WKSH	WALLIS	EC 106
							JUNE 7-11		
1438	ITE	507	1 F	3	ARR	ARR	W AEROSPACE EDUC	HAILES	P 105
							JUNE 7-11		
1439	ITE	590	1 F	1	ARR	ARR	SPEC IE WORKSHOP	WALLIS	IS 104
1440	ITE	590	2 F	ARR	ARR	ARR	SPEC IE WORKSHOP	FRANCE	MA 104
							JUNE 14-18		
1441	ITE	590	1 S	ARR	ARR	ARR	SPEC IE WORKSHOP	SLACK	ARR
1442	ITE	590	1 Q	3	ARR	ARR	SPEC IE WORKSHOP	PALMER	IS 114
1443	ITE	590	2 Q	ARR	ARR	ARR	SPEC IE WORKSHOP	SLACK	IS 112
1444	ITE	591	1 Q	ARR	ARR	ARR	SPEC PRGB IN IE	SLACK	IS 104
1445	ITE	592	1 Q	ARR	ARR	ARR	REL TECH TRAIN IE	SLACK	IS 112
1446	ITE	607	1 F	3	DAILY	11:00-12:00	PHIL VOC EDUC	COCHRAN	IS 112B
1447	ITE	610	1 F	3	DAILY	8:40- 9:40	TRENDS IN IE	COCHRAN	IS 113
1448	ITE	624	1 Q	3	M W F	9:50-10:50	HISTORY OF IE	SLACK	IS 113
1449	ITE	640	1 S	3	DAILY	8:40- 9:40	COOP IND PROGRAMS	VANDERSLICE	IS 113
1450	ITE	645	1 S	3	DAILY	11:00-12:00	ORG IE PROGRAMS	VANDERSLICE	IS 113
1451	ITE	654	1 Q	3	T-H	9:50-10:50	MEASUREMENT IN IE	WALLIS	IS 113
1452	ITE	675	1 Q	3	M W F	7:30- 8:30	RESEARCH	LOVELESS	IS 113
1453	ITE	690	1 Q	ARR	ARR	ARR	READ AND CONFER	LOVELESS	IS 112
1454	ITE	691	1 F	3	DAILY	1:20- 4:00	IE EXPR LAB	SLACK	IS 104
1455	ITE	691	1 S	3	DAILY	1:20- 4:00	IE EXPR LAB	WALLIS	IS 104
1456	ITE	693	1 Q	ARR	ARR	ARR	ADV INDEP STUDY	SLACK	IS 112
1457	ITE	697	1 Q	ARR	ARR	ARR	THESIS RESEARCH	LOVELESS	IS 112
1458	ITE	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	LOVELESS	IS 112
1459	ITE	797	1 Q	ARR	ARR	ARR	DISS RESEARCH	SLACK	IS 112
1460	ITE	799	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR
MANUFACTURING ENGINEERING									
1461	MFG E	315	1 F	4	DAILY	1:20- 2:20	ENGR METALLURGY	SPEAR	IS 113
1462	MFG E	315A	0	T	T	2:30- 5:30	LAB	SPEAR	IS 113
1463	MFG E	450	1 F	3	DAILY	11:00-12:00	MFG PROCESSES	SOMERS	IS 113
1464	MFG E	493	1 Q	3	ARR	ARR	SPECIAL PROBLEMS	STAFF	ARR
1465	MFG E	693	1 Q	ARR	ARR	ARR	SPECIAL PROBLEMS	STAFF	ARR
1466	MFG E	698	1 Q	ARR	ARR	ARR	GRADUATE THESIS	STAFF	ARR
1467	MFG E	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR

* INDICATES CLASSES REQUIRING PREREQUISITES

** SEE INSTRUCTOR

** CLASSES REQUIRING SPECIAL FEES

F = FIRST SESSION; S = SECOND SESSION; Q = QUARTER

SCHEDULE BULLETIN SUMMER 1971

COLLEGE OF FAMILY LIFE

C O U R S E

I N C E X	DEPT.	N U M B E R	S S E C T I O N	C R E D I T	DAY	TIME	COURSE-TITLE	INSTRUCTOR	LOCATION
MECHANICAL ENGINEERING									
1468	ME	120	1 F	4	DAILY	7:30- 8:30	ENGR MEASUREMENTS	STAFF	EL 235
1469	ME	120A	0		H	1:20- 4:40	LAB	STAFF	EL 235
1470	ME	170	1 S	3	DAILY	1:20- 3:30	ENGR GRAPHICS	STAFF	EL 250
1471	ME	493	1 Q	3	ARR	ARR	SPECIAL PROBLEMS	STAFF	ARR
1472	ME	545	1 Q	3	ARR	ARR	THERM ENGR	STAFF	ARR
1473	ME	693	1 Q	ARR	ARR	ARR	SPECIAL PROBLEMS	STAFF	ARR
1474	ME	697	1 Q	ARR	ARR	ARR	THESES RESEARCH	STAFF	ARR
1475	ME	699	1 Q	3	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR
1476	ME	793	1 Q	ARR	ARR	ARR	SPECIAL PROBLEMS	STAFF	ARR
1477	ME	797	1 Q	ARR	ARR	ARR	DISS RESEARCH	STAFF	ARR
1478	ME	799	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR

COLLEGE OF FAMILY LIFE

CLOTHING TEXTILES

1479	CT	105	1 F	3	DAILY	8:40- 9:40	\$DESIGN EVERYDAY LIV	WHITE	FL 307
1480	CT	110	1 F	3	DAILY	1:20- 3:30	\$BASIC FIT CLO CONST	WHITE	FL 309
1481	CT	HU 275	1 F	3	DAILY	1:20- 2:20	HOME FURNISHINGS	LEWIS	FL 307
1482	CT	480	1 F	3	DAILY	8:40-10:50	\$TAILORING	LEWIS	FL 309
1483	CT	492	1 Q	ARR	ARR	ARR	\$FIELD EXPERIENCE	FUELOSTED	RL 302
1484	CT	691	1 S	2	DAILY	9:00- 4:00	**SEMINAR	KERNALEGUEN	FL 306
[RESEARCH INSTRUMENTS] AUG 1-13									
1485	CT	697	1 S	ARR	ARR	ARR	**THESIS RESEARCH	KERNALEGUEN	FL 306

FAMILY AND CHILD DEVELOPMENT

1486	FCD	HU 120	1 F	3	DAILY	9:50-10:50	MARRIAGE AMER FAM	MORGAN	FL 109
1487	FCD	HU 120	1 S	3	DAILY	9:50-10:50	MARRIAGE AMER FAM	SKIDMORE	FL 109
1488	FCD	HU 150	1 F	3	DAILY	11:00- 1:00	EARLY CHILDHOOD	MORGAN	FL 301
1489	FCD	210	1 F	3	MTW	11:00- 2:20	HUMAN GROWTH & DEV	CARTER	FL 109
1490	FCD	450	1 S	3	DAILY	8:40- 9:40	ADOL & AMER FAM	SCHVANEVELCT	FL 109
1491	FCD	485	1 Q	12	ARR	ARR	PRACTICUM AGENCY	LAMBERT	ARR
1492	FCD	610	1 S	3	DAILY	12:10- 1:10	SEM FAMILY RELAT	SKIDMORE	FL 205
1493	FCD	620	1 F	3	MTW	1:00- 2:30	DEPRIV EARLY CHLDHD	LAMBERT	FL 205
1494	FCD	640	1 S	3	DAILY	11:00-12:00	CUR RES FAM & CD	SCHVANEVELCT	FL 205
1495	FCD	690	1 S	ARR	ARR	ARR	INDEPENDENT STUDY	STAFF	ARR
1496	FCD	697	1 F	ARR	ARR	ARR	THESIS RESEARCH	STAFF	ARR
1497	FCD	697	1 S	ARR	ARR	ARR	THESIS RESEARCH	STAFF	ARR
1498	FCD	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR

FOOD AND NUTRITION

1499	FN	HU 122	1 F	3	DAILY	8:40- 9:40	PRIN CF NUTRITION	WYSE	FL 109
1500	FN	335	1 F	2	H	2:30- 5:30	W WEIGHT CONTRCL	WILCOX	FL 205-2
						2:30- 3:30			FL 205-2
1501	FN	490	1 F	ARR	ARR	ARR	INDEPENDENT STUDY	WYSE	ARR
1502	FN	555	1 S	3	DAILY	8:40- 4:30	W NUTRITION WORKSHOP	HUNSCHER	FL 307
1503	FN	655	1 S	3	DAILY	8:40- 4:30	W NUTRITION WORKSHOP	HUNSCHER	FL 307
						JULY 19-30			
1504	FN	697	1 Q	ARR	ARR	ARR	THESIS RESEARCH	WILCOX	ARR
1505	FN	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	WILCOX	ARR
1506	FN	780	1 F	1	M	11:00-12:00	SEMINAR	WYSE	FL 205
1507	FN	790	1 Q	ARR	ARR	ARR	INDEPENDENT STUDY	WILCOX	ARR

FAMILY LIFE

1508	FL	680	1 S	3	DAILY	9:00- 4:00	**RESEARCH METHODS	KERNALEGUEN	FL 306
AUG 1-13									

HOME ECONOMICS EDUCATION

1509	HECED	490	1 F	ARR	ARR	ARR	INDEPENDENT STUDY	KRUEGER	FL 316
1510	HECED	680	1 F	3	DAILY	8:30- 4:00	W CURRICULUM WORKSHOP	KRUEGER	UC
(INNOV TEACH HEC)									
JUNE 7-11									
1511	HECED	690	1 F	ARR	ARR	ARR	INDEPENDENT STUDY	KRUEGER	FL 316
1512	HECED	697	1 F	ARR	ARR	ARR	**THESIS RESEARCH	KRUEGER	FL 316
1513	HECED	697	1 S	ARR	ARR	ARR	**THESIS RESEARCH	STAFF	ARR
1514	HECED	699	1 F	ARR	ARR	ARR	CONT GRAD ADVISE	KRUEGER	FL 316

HOUSEHOLD ECONOMICS

1515	HEM	460	1 S	3	DAILY	8:00- 5:00	W SEMINAR	THAL	FL 301
(CONSUMER COMPETENCE)									
JULY 19-23									

RESERVATIONS REQ. THRU HEM DEPT. FOR HEM 460

* INDICATES CLASSES REQUIRING PREREQUISITES
 ** SEE INSTRUCTOR
 \$\$ CLASSES REQUIRING SPECIAL FEES
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SCHEDULE BULLETIN SUMMER 1971

COLLEGE OF HUMANITIES, ARTS AND SOCIAL SCIENCES

C O U R S E

I N D E X	DEPT.	N U M B E R	S E C T I O N	C R E D I T	DAY	TIME	COURSE-TITLE	INSTRUCTOR	LOCATION
ART									
1516	ART	102	1 S	3	DAILY	7:30- 9:40	BEGINNING DESIGN	THORPE	M 304
1517	ART	103	1 S	3	DAILY	12:10- 2:30	**INTERMEDIATE DESIGN	ELSNER	AB 201
1518	ART	115	1 S	3	DAILY	11:00- 1:10	INTRC TC CERAMICS	LINDSTROM	AB 103
1519	ART	116	1 S	3	DAILY	11:00- 1:10	BEGIN WHEELTHROW	LINDSTROM	AB 103
1520	ART	120	1 S	3	DAILY	7:30- 9:40	BASIC DRAWING	HYDE	AB 301
1521	ART	121	1 F	3	DAILY	9:50-12:00	ANATOMY FOR ARTISTS	VAN SUCHTELEN	AB 301
1522	ART	126	1 S	3	DAILY	8:40-10:50	BEGIN WATERCOLOR	LINDSTROM	AB 203
1523	ART	135	1 F	3	DAILY	9:00- 3:00	W BEGIN ILLUSTRATION (HIGH SCHOOL STUDENTS ONLY)	ANDERSON	MA 115
1524	ART	140	1 F	3	DAILY	9:50-12:00	PHOTO FUNDAMENTALS	CLARK	TG
1525	ART	150	1 F	3	DAILY	8:40-10:50	**CREATIVE HANDWEAVING	LARSON	MA 114
1526	ART	160	1 S	3	DAILY	2:50- 5:00	*BEGIN SCULPTURE	ELSNER	AB 201
1527	ART	HU 165	1 F	3	DAILY	9:50-10:50	HIST CTEMP PAINT	TIPPETTS	L 456
1528	ART	HU 165	1 S	3	DAILY	9:50-10:50	HIST CTEMP PAINT	TIPPETTS	L 456
1529	ART	315	1 S	3	DAILY	11:00- 1:10	*CERAMIC HANDBLDG	LINDSTROM	AB 103
1530	ART	326	1 S	3	DAILY	8:40-10:50	*WATERCOLOR REL MEDIA	LINDSTROM	AB 203
1531	ART	351	1 F	3	DAILY	11:00- 1:10	*FAB DES DYE TECH	LARSON	MA 120D
1532	ART	360	1 S	3	DAILY	2:50- 5:00	*INTERM SCULPT STUDIO *ELEM WORKSHOP	ELSNER	AB 201
1533	ART	411	1 S	ARR	DAILY	8:40-10:50	**ADV FAB DES WEAVING	HYDE	M 304
1534	ART	450	1 F	ARR	DAILY	9:50-12:00	*ADV CERAMIC STUDIO	LARSON	MA 114
1535	ART	515	1 S	ARR	DAILY	7:30- 4:50	*ADV WHEELTHROW	LINDSTROM	AB 103
1536	ART	516	1 S	3	DAILY	11:00- 1:10	*ADV LIFE DRAWING	LINDSTROM	AB 103
1537	ART	521	1 F	3	DAILY	7:30- 9:40	*DRAWING STUDIO	VAN SUCHTELEN	AB 301
1538	ART	522	1 F	ARR	ARR		*DRAWING STUDIO	VAN SUCHTELEN	AB 301
1539	ART	526	1 S	ARR	DAILY	8:40-10:50	*WATERCOLOR STUDIO	LINDSTROM	AB 201
1540	ART	527	1 S	ARR	DAILY	9:50-12:00	*PAINTING STUDIO	THORPE	M 302-303
1541	ART	530	1 F	ARR	ARR		*COMM ART STUDIO	ANDERSON	MA 115
1542	ART	535	1 F	3	DAILY	3:00- 5:00	*ADV ILLUSTRATION	EDWARDS	MA 119
1543	ART	540	1 F	ARR	DAILY	7:30- 9:40	*PHOTO STUDIO	CLARK	M 301
1544	ART	550	1 F	ARR	DAILY	8:40- 1:10	*FABRIC DES STUDIO	LARSON	MA 120D
1545	ART	559	1 F	ARR	DAILY	1:20- 3:30	*PRINTMAKING STUDIO	GROUTAGE	MA 107-122
1546	ART	559	1 S	ARR	DAILY	1:20- 3:30	*PRINTMAKING STUDIO	GROUTAGE	MA 107-122
1547	ART	560	1 S	ARR	DAILY	12:00- 5:00	*SCULPTURE STUDIO	ELSNER	AB 201
1548	ART	615	1 S	ARR	DAILY	7:30- 4:50	*CERAMIC STUDIO	LINDSTROM	AB 103
1549	ART	620	1 F	ARR	ARR		*DRAWING STUDIO	VAN SUCHTELEN	AB 301
1550	ART	620	1 S	ARR	ARR		*DRAWING STUDIO	HYDE	AB 301
1551	ART	625	1 S	ARR	DAILY	7:30- 4:50	*PAINTING STUDIO	THORPE	M 302-303
1552	ART	626	1 S	ARR	DAILY	8:40-10:50	*WATERCOLOR STUDIO	LINDSTROM	AB 203
1553	ART	630	1 F	ARR	ARR		*ADVERT DESIGN STUDIO	ANDERSON	MA 119
1554	ART	640	1 F	ARR	DAILY	7:30- 9:40	*PHOTOGRAPHY STUDIO	CLARK	M 301
1555	ART	650	1 F	ARR	DAILY	7:30-12:00	*ADV FAB DES WKSHPP	LARSON	MA 120D
1556	ART	655	1 F	ARR	DAILY	1:20- 3:30	*PRINTMAKING STUDIO	GROUTAGE	MA 107-122
1557	ART	655	1 S	ARR	DAILY	1:20- 3:30	*PRINTMAKING STUDIO	GROUTAGE	MA 107-122
1558	ART	660	1 S	ARR	DAILY	12:50- 5:00	*SCULPTURE STUDIO	ELSNER	AB 201
1559	ART	697	1 F	ARR	ARR		*RES AND THESIS	GROUTAGE	ARR
1560	ART	697	1 S	ARR	ARR		*RES AND THESIS	GROUTAGE	ARR
1561	ART	699	1 S	ARR	ARR		*CANT GRAD ADVISE	LINDSTROM	ARR
ENGLISH									
1562	ENGL	1	6 Q	C	DAILY	12:10- 1:10	ENGLISH	STAFF	L 454
1563	ENGL	1	7 Q	C	DAILY	12:10- 1:10	ENGLISH	STAFF	L 460
1564	ENGL	101	1 Q	3	M W F	7:30- 8:30	ENGLISH	STAFF	L 452
1565	ENGL	101	2 Q	3	M W F	7:30- 8:30	ENGLISH	STAFF	L 460
1566	ENGL	101	6 Q	3	M W F	12:10- 1:10	ENGLISH	STAFF	L 456
1567	ENGL	101	7 Q	3	M W F	12:10- 1:10	ENGLISH	STAFF	L 452
1568	ENGL	102	1 Q	3	M W F	7:30- 8:30	ENGLISH	STAFF	L 404
1569	ENGL	102	5 Q	3	M W F	11:00-12:00	ENGLISH	STAFF	L 452
1570	ENGL	103	3 Q	3	M W F	8:40- 9:40	ENGLISH	STAFF	L 452
1571	ENGL	103	4 Q	3	M W F	9:50-10:50	ENGLISH	STAFF	L 460
1572	ENGL	HU 118	1 F	3	DAILY	8:40- 9:40	INTRC SHORT STORY	RIE	L 456
1573	ENGL	HU 118	1 S	3	DAILY	9:50-10:50	INTRC SHORT STORY	SKABELUND	L 408
1574	ENGL	HU 119	1 F	3	DAILY	9:50-10:50	INTRC TC NOVEL	ANDRA T	L 404
1575	ENGL	HU 120	1 S	3	DAILY	8:40- 9:40	GREAT BGCKS IDEAS	RIE	L 408
1576	ENGL	HU 121	1 S	3	DAILY	11:00-12:00	GREAT BGCKS IDEAS	SKABELUND	L 408
1577	ENGL	HU 263	1 S	3	DAILY	9:50-10:50	MOD BRIT LIT	KULKARNI	L 406
1578	ENGL	301	1 S	3	MTH	12:10- 1:10	**EXPCS WRITING	HADFIELD	L 458
1579	ENGL	303	1 F	3	MTH	9:50-10:50	**TECHNICAL WRITING	CHRISTIANSEN	L 458
1580	ENGL	356	1 F	2	MTH	8:40- 9:40	THREAU	LYON	L 406
1581	ENGL	401	1 F	3	DAILY	7:30- 8:30	**CMP FOR TEACHERS	HUNSAKER	L 454
1582	ENGL	410	1 F	3	DAILY	8:40- 9:40	GRAMMAR	MORTENSEN	L 408
1583	ENGL	412	1 S	3	DAILY	7:30- 8:30	LANG STRUCTURES	GARDNER	L 454
1584	ENGL	416	1 F	3	DAILY	11:00-12:00	CHILDREN'S LIT	MORTENSEN	L 456
1585	ENGL	417	1 S	3	DAILY	9:50-10:50	LIT FOR ADOLDS	GARDNER	L 404
1586	ENGL	492	1 Q	1	H	1:20- 2:20	SENIOR PRACTICUM	CROCKETT	L 402
1587	ENGL	501	1 S	3	DAILY	8:40- 9:40	**CREATIVE WRITING	NIELSEN	L 454
1588	ENGL	510	1 S	3	DAILY	12:10- 1:10	STUDIES IN LING	LACKSTROM	L 408
1589	ENGL	521	1 F	3	DAILY	11:00-12:00	LITERARY CRITIC	KULKARNI	L 406

* INDICATES CLASSES REQUIRING PREREQUISITES

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SCHEDULE BULLETIN SUMMER 1971

COLLEGE OF HUMANITIES, ARTS AND SOCIAL SCIENCES

C O U R S E

I N D E X	DEPT.	N U M B E R	S E C T I O N	C R E D I T	DAY	TIME	COURSE-TITLE	INSTRUCTOR	LOCATION
ENGLISH									
1590	ENGL	526	1 S 3	DAILY	11:00-12:00	READ MYTHOLOGY	NIELSEN	L 454	
1591	ENGL	529	1 S 3	DAILY	11:00-12:00	ROMAN LITERATURE	STOCK	L 460	
1592	ENGL	540	1 F 3	DAILY	8:40- 9:40	20TH CENT AMER LIT	HUNSAKER	L 404	
1593	ENGL	541	1 F 3	DAILY	11:00-12:00	WEST AMER LIT	LYON	L 454	
1594	ENGL	548	1 S 3	DAILY	7:30- 8:30	AMERICAN FICTION	SCHERTING	L 408	
1595	ENGL	566	1 Q 3	DAILY	9:50-10:50	VICTORIAN PERIOD	BOOTH	L 454	
1596	ENGL	578	1 F 3	DAILY	8:40- 9:40	ENGL NOVEL 18TH CEN	CHRISTIANSEN	L 458	
1597	ENGL	586	1 F 3	DAILY	11:00-12:00	CHALCER	ANDRA T	L 458	
1598	ENGL	587	1 S 3	DAILY	11:00-12:00	SHAKESPEARE COM HIST	PATRICK J	L 456	
1599	ENGL	595	1 F ARR	ARR	ARR	**READ AND CONFER	STOCK	ARR	
1600	ENGL	595	1 S ARR	ARR	ARR	**READ AND CONFER	STOCK	ARR	
1601	ENGL	595	1 Q ARR	ARR	ARR	**READ AND CONFER	STOCK	ARR	
1602	ENGL	601	1 F 3	DAILY	9:50-10:50	BIBLIO & METHODS	WASHINGTON E	L 402	
1603	ENGL	639	1 S 3	DAILY	9:50-10:50	NEW ENGLAND CIRCLE	SCHERTING	L 402	
1604	ENGL	662	1 F 3	DAILY	7:30- 8:30	ENGL RENAISSANCE	WASHINGTON E	L 402	
1605	ENGL	665	1 S 3	DAILY	8:40- 9:40	ROMANTIC PERIOD	PATRICK J	L 402	
1606	ENGL	695	1 F ARR	ARR	ARR	INDEPENDENT STUDY	STOCK	ARR	
1607	ENGL	695	1 S ARR	ARR	ARR	INDEPENDENT STUDY	STOCK	ARR	
1608	ENGL	695	1 Q ARR	ARR	ARR	INDEPENDENT STUDY	STOCK	ARR	
1609	ENGL	697	1 F ARR	ARR	ARR	THESIS	STOCK	ARR	
1610	ENGL	697	1 S ARR	ARR	ARR	THESIS	STOCK	ARR	
1611	ENGL	697	1 Q ARR	ARR	ARR	THESIS	STOCK	ARR	
1612	ENGL	699	1 Q ARR	ARR	ARR	CONT GRAD ADVISE	STOCK	ARR	
JOURNALISM									
1613	JOURN	310	1 F 2	ARR	ARR	PRACTICES	HADFIELD	AN SC 3C2	
1614	JOURN	410	1 F ARR		8:30- 4:30	M SPECIAL PROBLEMS JUNE 14-18	HADFIELD	AN SC 302	
HISTORY									
1615	HIST	SS 101	1 F 3	DAILY	9:50-10:50	COMP CIVIL ANC	COLE	AN SC 101	
1616	HIST	SS 170	1 Q 5	DAILY	8:40- 9:40	AMERICAN CIVILIZ	VENABLES	AN SC 101	
1617	HIST	291	1 F ARR	ARR	ARR	INDEP STUDIES	STAFF	ARR	
1618	HIST	291	1 S ARR	ARR	ARR	INDEP STUDIES	STAFF	ARR	
1619	HIST	291	1 Q ARR	ARR	ARR	INDEP STUDIES	STAFF	ARR	
1620	HIST	300	1 Q 3	T-H	7:30- 8:30	SOURCES AND LIT	ALDER	M 315	
1621	HIST	325	1 F 3	DAILY	12:10- 1:10	19TH CENT EUROPE	COLE	M 315	
1622	HIST	391	1 F ARR	ARR	ARR	READ ANC CONFER	STAFF	ARR	
1623	HIST	391	1 S ARR	ARR	ARR	READ AND CONFER	STAFF	ARR	
1624	HIST	391	1 Q ARR	ARR	ARR	READ AND CONFER	STAFF	ARR	
1625	HIST	446	1 F 3	DAILY	11:00-12:00	RECENT AMERICA	AHLSTROM	AN SC 101	
1626	HIST	567	1 S 3	DAILY	8:40- 9:40	HISTORY OF CHINA	RAO	B 218	
1627	HIST	569	1 S 3	DAILY	11:00-12:00	CIVILIZ OF INDIA	RAO	B 218	
1628	HIST	573	1 S 3	DAILY	9:50-10:50	CONTEMP LAT AMER	FURLONG	M 315	
1629	HIST	574	1 S 3	DAILY	12:10- 1:10	HIST OF MEXICO	FURLONG	M 315	
1630	HIST	589	1 F 3	DAILY	8:40- 9:40	SPECIAL STUDIES (IFAR WEST)	YONCE	M 315	
1631	HIST	589	2 F 3	DAILY	11:00-12:00	SPECIAL STUDIES (AMERICAN INDIAN)	VENABLES	M 252	
1632	HIST	610	1 S 3	T-H	1:30- 3:30	COLLOQ SP STUDIES	VENABLES	M 319	
1633	HIST	620	1 Q 3	M	1:00- 3:00	COLLOQ EUROPE	ALDER	M 319	
1634	HIST	630	1 F 3	M W	3:00- 5:00	COLLOQ AMERICA	AHLSTROM	M 319	
1635	HIST	680	1 F 3	M W	1:30- 3:30	HISTORICAL METHOD	YONCE	M 319	
1636	HIST	691	1 F ARR	ARR	ARR	READ AND CONFER	STAFF	ARR	
1637	HIST	691	1 S ARR	ARR	ARR	READ AND CONFER	STAFF	ARR	
1638	HIST	691	1 Q ARR	ARR	ARR	READ AND CONFER	STAFF	ARR	
1639	HIST	697	1 Q ARR	ARR	ARR	THESIS RESEARCH	STAFF	ARR	
1640	HIST	698	1 Q ARR	ARR	ARR	RESEARCH CONSULT	STAFF	ARR	
1641	HIST	699	1 Q ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR	
GEOGRAPHY									
1642	GEOG	SS 101	1 F 3	DAILY	9:50-10:50	FUNDAMENTALS	THOM	AG S 202	
1643	GEOG	113	1 S 5	DAILY	11:00-12:00	PHYSICAL LAB ARR	DEMARS	AG S 202	
1644	GEOG	307	1 F 3	DAILY	8:40- 9:40	ANGLO AMERICA	PETERSON	AG S 202	
1645	GEOG	308	1 S 3	DAILY	9:50-10:50	UTAH	DEMARS	AG S 202	
1646	GEOG	325	1 F 3	DAILY	7:30- 8:30	EUROPE	PETERSON	AG S 202	
1647	GEOG	343	1 F 3	DAILY	11:00-12:00	POLITICAL	THOM	AG S 202	
1648	GEOG	599	1 F ARR	ARR	ARR	READ AND CONFER	STAFF	ARR	
1649	GEOG	599	1 S ARR	ARR	ARR	READ AND CONFER	STAFF	ARR	
1650	GEOG	599	1 Q ARR	ARR	ARR	READ AND CONFER	STAFF	ARR	
LANDSCAPE ARCHITECTURE AND ENVIRONMENTAL PLANNING									
1651	LAEP	HU 103	1 F 3	DAILY	8:40- 9:40	INTRO TO LAEP	SMITH	MA 126	
1652	LAEP	HU 103	1 S 3	DAILY	8:40- 9:40	INTRO TO LAEP	BUDGE	MA 124	

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LANDSCAPE ARCHITECTURE AND ENVIORNMENTAL PLANNING

1653	LAEP	490	1 F	ARR	ARR	ARR	SPECIAL PROBLEMS	SMITH	ARR
1654	LAEP	490	1 S	ARR	ARR	ARR	SPECIAL PROBLEMS	BUDGE	ARR
1655	LAEP	690	1 F	ARR	ARR	ARR	*SPECIAL PROBLEMS	SMITH	ARR
1656	LAEP	690	1 S	ARR	ARR	ARR	*SPECIAL PROBLEMS	BUDGE	ARR
1657	LAEP	697	1 F	ARR	ARR	ARR	*THESIS RESEARCH	SMITH	ARR
1658	LAEP	697	1 S	ARR	ARR	ARR	*THESIS RESEARCH	BUDGE	ARR
1659	LAEP	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR
1660	LAEP	797	1 F	ARR	ARR	ARR	*THESIS RESEARCH	SMITH	ARR
1661	LAEP	797	1 S	ARR	ARR	ARR	*THESIS RESEARCH	STAFF	ARR
1662	LAEP	799	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR

FRENCH

STUDENTS MUST REG. FOR ALL THREE ELEMENTARY

FRENCH CLASSES. FRESHMEN WITH CONFLICTS SEE

DEPARTMENT HEAD.

1663	L FR	HU 101	1 Q	5	DAILY	7:30-10:50	\$\$ELEMENTARY	INGOLD	M 206
1664	L FR	HU 102	1 Q	5	DAILY	7:30-10:50	\$\$ELEMENTARY	INGOLD	M 206
1665	L FR	HU 103	1 Q	5	DAILY	7:30-10:50	\$\$ELEMENTARY	SMITH A	M 206
1666	L FR	599	1 Q	ARR	ARR	ARR	READ AND CONFER	STAFF	ARR

GERMAN

STUDENTS MUST REG. FOR ALL THREE ELEMENTARY

GERMAN CLASSES. FRESHMEN WITH CONFLICTS SEE

DEPARTMENT HEAD.

1667	L GR	HU101	1 Q	5	DAILY	7:30-10:50	\$\$ELEMENTARY	SUPRUNOWICZ	M 208
1668	L GR	HU102	1 Q	5	DAILY	7:30-10:50	\$\$ELEMENTARY	SUPRUNOWICZ	M 208
1669	L GR	HU103	1 Q	5	DAILY	7:30-10:50	\$\$ELEMENTARY	ELIASON	M 208
1670	L GR	599	1 Q	ARR	ARR	ARR	*READ AND CONFER	STAFF	ARR

SPANISH

1671	L SP	461	1 F	5	DAILY	7:30- 9:40	*SURV SPANISH LIT	BENBOW	M 203
1672	L SP	599	1 Q	ARR	ARR	ARR	*READ AND CONFER	REESE	ARR

PHILOSOPHY

1673	PHIL	HU 101	1 Q	5	DAILY	7:30- 8:30	INTRO PROBLEMS	BEYERS	M 201
1674	PHIL	HU 210	1 Q	5	DAILY	11:00-12:00	DEDUCTIVE LOGIC	ROBSON	M 208

MUSIC

1675	MUSIC	HU 101	1 F	3	DAILY	7:30- 8:30	INTRODUCTION	SMITH	FA 218
1676	MUSIC	HU 101	1 S	3	DAILY	7:30- 8:30	INTRODUCTION	FIFIELD	FA 218
1677	MUSIC	102	1 F	3	DAILY	8:40- 9:40	FUNDAMENTALS	SMITH	FA 218
1678	MUSIC	142	1 F	1	ARR	ARR	PIANO ENSEMBLE (FESTIVAL) JULY 5-17	WASSERMANN	FA 201
1679	MUSIC	160	1 F	1	ARR	ARR	\$\$IND PIANO INSTR	WASSERMANN	FA 201
1680	MUSIC	161	1 F	1	ARR	ARR	\$\$IND VIOLA INSTR	MILLER	FA 122
1681	MUSIC	164	1 F	1	ARR	ARR	\$\$IND VOCAL INSTR	SIMMONS	FA 208
1682	MUSIC	170	1 F	1	ARR	ARR	\$\$IND WOODWIND INSTR	SMITH	FA 105
1683	MUSIC	172	1 F	1	ARR	ARR	\$\$IND BRASS INSTR	WARDLE	FA 101
1684	MUSIC	172	1 S	1	ARR	ARR	\$\$IND BRASS INSTR	FIFIELD	FA 103
1685	MUSIC	173	1 F	1	ARR	ARR	\$\$IND PERC INSTR	GRIFFIN	FA 114
1686	MUSIC	174	1 F	1	ARR	ARR	\$\$IND VIOLIN INSTR	MILLER	FA 122
1687	MUSIC	175	1 F	1	ARR	ARR	\$\$IND CELLO INSTR	BURTON	FA 124
1688	MUSIC	176	1 F	1	ARR	ARR	\$\$IND ST BASS INSTR	BURTON	FA 124
1689	MUSIC	335	1 F	ARR	DAILY	5:30- 6:30PM	OPERA STAGE & PROD	SIMMONS	FA 214
1690	MUSIC	335	1 S	ARR	DAILY	5:30- 6:30PM	OPERA STAGE & PROD	SIMMONS	FA 214
1691	MUSIC	342	1 F	1	ARR	ARR	PIANO ENSEMBLE (FESTIVAL)	WASSERMANN	FA 201
1692	MUSIC	350	1 F	3	DAILY	11:00-12:00	MUSIC FOR ELEM SCH	BURTON	FA 222
1693	MUSIC	350	1 S	3	DAILY	9:50-10:50	MUSIC FOR ELEM SCH	FIFIELD	FA 222
1694	MUSIC	360	1 F	ARR	ARR	ARR	\$\$IND PIANO INSTR	WASSERMANN	FA 201
1695	MUSIC	361	1 F	ARR	ARR	ARR	\$\$IND VIOLA INSTR	MILLER	FA 122

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I N C E X	DEPT.	N U M B E R	S S E S S I O N S	C R E D I T	DAY	TIME	COURSE-TITLE	INSTRUCTOR	LOCATION
MUSIC									
1696	MUSIC	363	1 F	1	ARR	ARR	PIANO WORKSHOP	WASSERMANN	FA 201
1697	MUSIC	364	1 F	ARR	ARR	ARR	\$\$\$IND VOCAL INSTR	SIMMONS	FA 208
1698	MUSIC	370	1 F	1	ARR	ARR	\$\$\$IND WOODWIND INSTR	SMITH	FA 100
1699	MUSIC	372	1 F	1	ARR	ARR	\$\$\$IND BRASS INSTR	WARDLE	FA 101
1700	MUSIC	372	1 S	1	ARR	ARR	\$\$\$IND BRASS INSTR	WARDLE	FA 101
1701	MUSIC	373	1 F	1	ARR	ARR	\$\$\$IND PERC INSTR	GRIFFIN	FA 103
1702	MUSIC	374	1 F	ARR	ARR	ARR	\$\$\$IND VIOLIN INSTR	MILLER	FA 122
1703	MUSIC	375	1 F	ARR	ARR	ARR	\$\$\$IND CELLO INSTR	BURTON	FA 124
1704	MUSIC	376	1 F	ARR	ARR	ARR	\$\$\$IND ST BASS INSTR	BURTON	FA 124
1705	MUSIC	601	1 S	3	DAILY	7:30- 8:30	INTRO MUSICOLOGY	WARDLE	FA 101
1706	MUSIC	605	1 F	ARR	ARR	ARR	SPECIAL PROBLEMS	STAFF	ARR
1707	MUSIC	605	1 S	ARR	ARR	ARR	SPECIAL PROBLEMS	STAFF	ARR
1708	MUSIC	635	1 F	ARR	DAILY	5:30- 6:30PM	CPERA WORKSHOP	SIMMONS	FA 214
1709	MUSIC	635	1 S	ARR	DAILY	5:30- 6:30PM	CPERA WORKSHOP	SIMMONS	FA 214
1710	MUSIC	680	1 F	3	DAILY	8:40- 9:40	MUSIC ED SEMINAR	WARDLE	FA 101
1711	MUSIC	681	1 S	3	DAILY	11:00-12:00	SEM MUSIC THEORY	SMITH	FA 123
1712	MUSIC	682	1 S	3	DAILY	8:40- 9:40	SEM MUS LIT	SMITH	FA 123
1713	MUSIC	687	1 F	ARR	ARR	ARR	INDIV RECITAL	STAFF	ARR
1714	MUSIC	697	1 F	ARR	ARR	ARR	RES AND THESIS	STAFF	ARR
1715	MUSIC	697	1 S	ARR	ARR	ARR	RES AND THESIS	STAFF	ARR
1716	MUSIC	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR
POLITICAL SCIENCE									
1717	PS	SS 110	1 S	5	DAILY	8:40-10:50	AM NATIONAL GOV	JONES	EC 101
1718	PS	SS 210	1 S	3	DAILY	11:00-12:00	INTRO INTNL POL	O'LEARY	M 315
1719	PS	230	1 F	3	DAILY	9:50-10:50	INTRO PCL THEORY	SPOERRY	M 242
1720	PS	521	1 S	3	DAILY	9:50-10:50	W EUROPE GOV & POL	ANDERSON	M 313
1721	PS	527	1 F	3	DAILY	9:50-10:50	LAT AM GOV & POL I	KANTOR	M 313
1722	PS	550	1 S	3	DAILY	8:40- 9:40	ADV PCL ANALYSIS	O'LEARY	M 313
1723	PS	565	1 F	3	DAILY	12:10- 1:10	ADVN DEVELOP AREAS	SPOERRY	M 313
1724	PS	681	1 F	3	DAILY	11:00-12:00	SEMINAR (COMP PCL)	KANTOR	PS SEM
1725	PS	681	1 S	3	DAILY	12:10- 1:10	SEM (INTRNL POLITICS)	ANDERSON	PS SEM
1726	PS	691	1 F	ARR	ARR	ARR	TUTORIAL	STAFF	ARR
1727	PS	691	1 S	ARR	ARR	ARR	TUTORIAL	STAFF	ARR
1728	PS	697	1 F	ARR	ARR	ARR	RESEARCH	STAFF	ARR
1729	PS	697	1 S	ARR	ARR	ARR	RESEARCH	STAFF	ARR
1730	PS	699	1 F	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR
1731	PS	699	1 S	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR
ANTHROPOLOGY									
1732	ANTHR	450	1 F	3	DAILY	8:40- 9:40	AM INDIAN ETHNCL	KELLER	M 36
1733	ANTHR	501	1 F	3	DAILY	11:00-12:00	COMP VALUE SYST	KELLER	M 36
1734	ANTHR	590	1 Q	ARR	ARR	ARR	INDEPENDENT STUDIES	STAFF	ARR
1735	ANTHR	690	1 Q	ARR	ARR	ARR	INDEPENDENT STUDIES	STAFF	ARR
SOCIOLOGY									
1736	SOC	SS 101	1 S	5	DAILY	8:40-10:50	INTRO SOCIOLOGY	ALBRECHT	M 338
1737	SOC	240	1 F	3	DAILY	8:40- 9:40	MDC SCC PROBLEMS	HALE	M 252
1738	SOC	320	1 Q	3	ARR	ARR	**POPULATION PROB (NSF SEMINAR INSTITUTE) JULY 1-AUGUST 25	KIM	B 322
1739	SOC	340	1 F	3	DAILY	2:30- 3:30	MINORITY GROUPS	HALE	M 252
1740	SOC	440	1 F	3	DAILY	9:50-10:50	CRIMINOLOGY	FARRELL	M 252
1741	SOC	441	1 F	3	DAILY	1:20- 2:20	JUV DELINQUENCY	FARRELL	M 252
1742	SOC	490	1 Q	ARR	ARR	ARR	**INDEP READINGS	STAFF	ARR
1743	SOC	490	2 Q	4	ARR	ARR	**INDEP READINGS (NSF SUMMER INSTITUTE) JULY 1-AUGUST 25	KIM	B 322
1744	SOC	520	1 Q	3	ARR	ARR	**METH POP ANALYSIS (NSF SUMMER INSTITUTE) JULY 1-AUGUST 25	KIM	B 322
1745	SOC	680	1 Q	2	ARR	ARR	**SEMINAR (NSF SUMMER INSTITUTE) JULY 1-AUGUST 25	KIM	B 322
1746	SOC	690	1 Q	ARR	ARR	ARR	**INDEP READINGS	STAFF	ARR
1747	SOC	697	1 Q	ARR	ARR	ARR	**THESIS RESEARCH	STAFF	ARR
1748	SOC	699	1 Q	ARR	ARR	ARR	**CONT GRAD ADVISE	STAFF	ARR
1749	SOC	790	1 Q	ARR	ARR	ARR	**INDEP READINGS	STAFF	ARR
1750	SOC	797	1 Q	ARR	ARR	ARR	**DISS RESEARCH	STAFF	ARR
1751	SOC	799	1 Q	ARR	ARR	ARR	**CONT GRAD ADVISE	STAFF	ARR
SOCIAL WORK									
1752	SW	305	1 S	3	DAILY	11:00-12:00	FIELD CF SOC WRK	MESERVY	M 252
1753	SW	365	1 S	3	DAILY	8:40- 9:40	MENTAL HEALTH	MESERVY	M 252

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I N D E X	DEPT.	N U M B E R	S E E T S I O N	C R E D I T	DAY	TIME	COURSE-TITLE	INSTRUCTOR	LOCATION
SOCIAL WORK									
1754	SW	427	1 Q	ARR	ARR	ARR	**INTERN FIELD WORK	STAFF	ARR
1755	SW	595	1 Q	ARR	ARR	ARR	**DIRECTED READING	STAFF	ARR
SPEECH									
1756	SPCH	105	1 F	3	DAILY	8:40- 9:40	PUBLIC SPEAKING	ROBINSON	M 316
1757	SPCH	HU 201	1 Q	5	DAILY	9:50-10:50	PRIN GRAL READ	HEIMERDINGER	M 36
1758	SPCH	519	1 F	3	DAILY	8:40- 9:40	STORYTELLING	ROSS	M 242
1759	SPCH	519	1 S	3	DAILY	9:50-10:50	STORYTELLING	HALES	M 242
1760	SPCH	522	1 F	3	DAILY	11:00-12:00	READ POETRY CHILD	ROSS	M 36
1761	SPCH	522	1 S	3	DAILY	11:00-12:00	READ POETRY CHILD	HALES	M 242
1762	SPCH	523	1 F	3	DAILY	8:40- 9:40	TEACH SPEECH	BLACK	M 313
1763	SPCH	533	1 F	3	DAILY	11:00-12:00	DIR FORENSIC PROG	ROBINSON	M 242
1764	SPCH	581	1 S	3	DAILY	9:50-10:50	TV PRODUCTION	ALLEN	R TV
1765	SPCH	587	1 S	3	DAILY	8:40- 9:40	EDUC TV & RADIO	HANSEN	L 376
1766	SPCH	500	1 Q	ARR	ARR	ARR	**PRCBLEMS	STAFF	ARR
1767	SPCH	690	1 Q	ARR	ARR	ARR	**RESEARCH STUDIES	STAFF	ARR
1768	SPCH	697	1 Q	ARR	ARR	ARR	**THESIS	STAFF	ARR
1769	SPCH	699	1 Q	ARR	ARR	ARR	**CNT GRAD ADVISE	STAFF	ARR
THEATRE/ARTS									
1770	THART	HU 101	1 F	3	DAILY	8:40- 9:40	UNDERSTAND THTR	MORGAN	FA 228
1771	THART	121	1 S	3	DAILY	11:00-12:00	FUND OF ACTING	CALL	FA 224
1772	THART	124	1 S	1	ARR	ARR	**THEATRE PRACTICE	BRANDT	FA 153
1773	THART	150	1 F	2	DAILY	8:40- 9:40	STAGECRAFT	BRANDT	FA 226
1774	THART	172	1 S	1	DAILY	11:00-12:00	**CANCE FOR THTR	ANDERSEN	FA 136
1775	THART	172	2 S	1	DAILY	12:10- 1:10	**CANCE FOR THTR	ZIMMERMAN	FA 136
1776	THART	301	1 S	2	DAILY	9:50-10:50	**ADV REP MOD DANCE	ANDERSEN	FA 155
1777	THART	370	1 S	1	DAILY	9:50-10:50	**BALLET	RIEGER	FAC HALL
1778	THART	371	1 S	1	DAILY	11:00-12:00	**BALLET	RIEGER	FAC HALL
1779	THART	372	1 S	1	DAILY	11:00-12:00	**CANCE FOR THTR	ANDERSEN	FA 136
1780	THART	372	2 S	1	DAILY	12:10- 1:10	**CANCE FOR THTR	ZIMMERMAN	FA 136
1781	THART	374	1 S	1	ARR	ARR	**CONCERT DANCE	ANDERSEN	FA 155
1782	THART	400	1 F	ARR	ARR	ARR	**REHEARSALS & PERFORM	CALL	LYRIC
1783	THART	400	1 S	ARR	ARR	ARR	**REHEARSALS & PERFORM	CALL	LYRIC
1784	THART	466	1 Q	5	DAILY	9:50-12:00	DRAMA PRODUCTION	MORGAN	FA 228
1785	THART	524	1 S	1	ARR	ARR	**THEATRE PRACTICE	BRANDT	FA 153
1786	THART	570	1 F	ARR	ARR	ARR	**REPERTORY THEATRE	CALL	LYRIC
1787	THART	570	1 S	ARR	ARR	ARR	**REPERTORY THEATRE	CALL	LYRIC
1788	THART	590	1 F	ARR	ARR	ARR	**PRCB IN DRAMA	STAFF	ARR
1789	THART	590	1 S	ARR	ARR	ARR	**PRCB IN DRAMA	STAFF	ARR
1790	THART	592	1 F	ARR	ARR	ARR	**PRCJ IN THEATRE	CALL	FA 153
1791	THART	592	1 S	ARR	ARR	ARR	**PRCJ IN THEATRE	CALL	FA 153
1792	THART	680	1 F	ARR	ARR	ARR	**SEMINAR IN DRAMA	STAFF	ARR
1793	THART	680	1 S	ARR	ARR	ARR	**SEMINAR IN DRAMA	STAFF	ARR
1794	THART	690	1 F	ARR	ARR	ARR	**RESEARCH STUDIES	STAFF	ARR
1795	THART	690	1 S	ARR	ARR	ARR	**RESEARCH STUDIES	STAFF	ARR
1796	THART	692	1 F	ARR	ARR	ARR	**PRCJ IN THEATRE	STAFF	ARR
1797	THART	692	1 S	ARR	ARR	ARR	**PRCJ IN THEATRE	STAFF	ARR
1798	THART	697	1 F	ARR	ARR	ARR	**THESIS	STAFF	ARR
1799	THART	697	1 S	ARR	ARR	ARR	**THESIS	STAFF	ARR
1800	THART	699	1 Q	ARR	ARR	ARR	**CNT GRAD ADVISE	STAFF	ARR

* INDICATES CLASSES REQUIRING PREREQUISITES
 ** SEE INSTRUCTOR
 \$\$\$ CLASSES REQUIRING SPECIAL FEES
 F = FIRST SESSION; S = SECOND SESSION; Q = QUARTER

SCHEDULE BULLETIN SUMMER 1971

COLLEGE OF NATURAL RESOURCES

C O U R S E

I N C E X	DEPT.	N U M B E R	S S E S S I O N	C R E D I T	DAY	TIME	COURSE-TITLE	INSTRUCTOR	LOCATION
FOREST SCIENCE									
1801	FORSC	301	1 Q	3	DAILY	ARR	\$\$FOREST SURVEYING	MOORE	SUMMERCA
1802	FORSC	302	1 Q	4	DAILY	ARR	\$\$FCREST PRACTICE	DANIEL	FORESTCA
1803	FORSC	384	1 F	5	DAILY	8:40-10:50	GENERAL ECOLOGY	STAFF	FZ 304
1804	FORSC	385	1 F	1	T-H	2:30- 5:50	GEN ECOLOGY LAB	STAFF	FZ 314
1805	FORSC	410	1 F	3	ARR	ARR	PRIN OF CONSERV	STAFF	ARR
1806	FORSC	491	1 Q	ARR	ARR	ARR	DIRECTED STUDY	DAVIS	ARR
1807	FORSC	691	1 Q	ARR	ARR	ARR	DIRECTED STUDY	DAVIS	ARR
1808	FORSC	697	1 Q	ARR	ARR	ARR	THESIS RESEARCH	DAVIS	ARR
1809	FORSC	698	1 Q	ARR	ARR	ARR	RES CONSULT	DAVIS	ARR
1810	FORSC	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	DAVIS	ARR
1811	FORSC	797	1 Q	ARR	ARR	ARR	DISS RESEARCH	DAVIS	ARR
1812	FORSC	798	1 Q	ARR	ARR	ARR	RES CONSULT	DAVIS	ARR
1813	FORSC	799	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	DAVIS	ARR
RANGE SCIENCE									
1814	RANGE	298	1 F	1	DAILY	ARR	RANGE ANALYSIS	MCKELL	SUMMERCA
1815	RANGE	384	1 F	5	DAILY	8:40-10:50	GENERAL ECOLOGY	MOMBRAY	FZ 304
1816	RANGE	385	1 F	1	T-H	2:30- 5:50	GEN ECOLOGY LAB	MOMBRAY	FZ 314
1817	RANGE	690	1 Q	ARR	ARR	ARR	READ AND CONFER	MCKELL	FZ 179
1818	RANGE	697	1 Q	ARR	ARR	ARR	THESIS	MCKELL	FZ 179
1819	RANGE	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR
1820	RANGE	797	1 Q	ARR	ARR	ARR	THESIS	MCKELL	FZ 179
1821	RANGE	799	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	MCKELL	FZ 179
WATERSHED SCIENCE									
1822	WS	490	1 Q	2	ARR	ARR	WATERSHED SCI PROB	STAFF	ARR
1823	WS	690	1 Q	2	ARR	ARR	WATERSHED SCI PROB	STAFF	ARR
1824	WS	697	1 Q	ARR	ARR	ARR	THESIS	STAFF	ARR
1825	WS	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR
1826	WS	797	1 Q	ARR	ARR	ARR	THESIS	STAFF	ARR
1827	WS	799	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR
WILDLIFE RESOURCES									
1828	WLR	200	1 F	1	ARR	ARR	WILDLIFE PRACT (SUMMER CAMP)	HELM	ARR
1829	WLR	384	1 F	5	DAILY	8:40-10:50	GENERAL ECOLOGY	WILLIAMS	FZ 304
1830	WLR	385	1 F	1	T-H	2:30- 5:50	GEN ECOLOGY LAB	WILLIAMS	FZ 314
1831	WLR	415	1 F	4	DAILY	8:40- 9:40	ANIMAL BEHAVIOR	WILLIAMS	FZ 314
1832	WLR	415A		0	M	9:50-11:50	LAB	WILLIAMS	FZ 314
1833	WLR	491	1 Q	ARR	ARR	ARR	*WILDLIFE PROBLEMS	STAFF	ARR
1834	WLR	495	1 Q	ARR	ARR	ARR	UNDERGRAD RESEARCH	STAFF	ARR
1835	WLR	697	1 Q	ARR	ARR	ARR	THESIS RESEARCH	STAFF	ARR
1836	WLR	698	1 Q	ARR	ARR	ARR	RESEARCH CONSULT	STAFF	ARR
1837	WLR	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR
1838	WLR	797	1 Q	ARR	ARR	ARR	DISS RESEARCH	STAFF	ARR
1839	WLR	798	1 Q	ARR	ARR	ARR	RESEARCH CONSULT	STAFF	ARR
1840	WLR	799	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR

* INDICATES CLASSES REQUIRING PREREQUISITES

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SCHEDULE BULLETIN SUMMER 1971

COLLEGE OF SCIENCE

C O U R S E

I N D E X	DEPT.	C O U R S E				DAY	TIME	COURSE-TITLE	INSTRUCTOR	LOCATION
		N U M B E R	S E C S I O N	S E C S I O N	C R E D I T					
		APPLIED STATISTICS								
1841	AP ST	431	1 Q	5	DAILY	7:30- 8:30	STATISTICAL METHODS	SISSON	FZ 304	
1842	AP ST	576	1 Q	5	DAILY	9:50-10:50	*STAT METH WITH THEORY	CANFIELD	FZ 208	
1843	AP ST	589	1 Q	1	M W F	11:00-12:00	SCIENCE COLLOQUIUM	STAFF	FZ 302	
1844	AP ST	589	2 Q	2	M W F	11:00-12:00	SCIENCE COLLOQUIUM	STAFF	FZ 302	
1845	AP ST	695	1 Q	ARR	ARR	ARR	READING REPORTS	CANFIELD	ARR	
1846	AP ST	697	1 Q	ARR	ARR	ARR	THESIS & RESEARCH	CANFIELD	ARR	
1847	AP ST	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	CANFIELD	ARR	
COMPUTER SCIENCE										
1848	CS	150	1 Q	3	M W F	8:40- 9:40	INTRG CMP SCI	EASTMAN	FZ 302	
1849	CS	340	1 Q	3	M W F	8:40- 9:40	PROGRAMMING FORTRAN	HURST	AG S 234	
1850	CS	350	1 Q	3	M W F	11:00-12:00	*PROG BUSINESS PROB	EASTMAN	FZ208	
1851	CS	430	1 Q	3	M W F	1:20- 2:20	*COMPUTER STRUCTURE	HURST	FZ208	
1852	CS	490	1 Q	ARR	ARR	ARR	SPECIAL PROJECTS	STAFF	ARR	
1853	CS	495	1 Q	ARR	ARR	ARR	DIRECTED READING	STAFF	ARR	
BACTERIOLOGY										
1854	BACT	LS 111	1 F	4	DAILY	7:30- 9:40	EL MICROBIOLOGY	CARTER	P 302	
1855	BACT	111A		0	T-H	12:10- 2:20	LAB	STAFF	P 301	
1856	BACT	499	1 Q	ARR	ARR	ARR	UNDERGRAD PROBLEMS	STAFF	ARR	
1857	BACT	589	1 Q	1	M W F	11:00-12:00	SCIENCE COLLOQUIUM	STAFF	FZ 302	
1858	BACT	589	2 Q	2	M W F	11:00-12:00	SCIENCE COLLOQUIUM	STAFF	FZ 302	
1859	BACT	698	1 Q	ARR	ARR	ARR	RESEARCH CONSULT	STAFF	ARR	
1860	BACT	770	1 Q	ARR	ARR	ARR	SPECIAL PROBLEMS	STAFF	ARR	
PUBLIC HEALTH										
1861	PUB H	454	1 F	3	DAILY	8:40- 9:40	SCH HLTH EL TCH	SMITH	HPER 114	
1862	PUB H	454	1 S	3	DAILY	9:50-10:50	SCH HLTH EL TCH	SMITH	HPER 114	
1863	PUB H	455	1 F	3	DAILY	9:50-10:50	SCH HLTH SEC TCH	SMITH	HPER 114	
1864	PUB H	455	1 S	3	DAILY	8:40- 9:40	SCH HLTH SEC TCH	SMITH	HPER 114	
1865	PUB H	499	1 Q	ARR	ARR	ARR	SPECIAL PROBLEMS	STAFF	ARR	
1866	PUB H	670	1 Q	ARR	ARR	ARR	SPECIAL PROBLEMS	STAFF	ARR	
BIOLOGY										
1867	BIOL	LS 101	1 Q	5	DAILY	1:20- 2:20	PRIN OF BIOLOGY	LINFORD	FZ 206	
1868	BIOL	101A		0	M	2:30- 4:40	LAB	LINFORD	FZ 120	
1869	BIOL	101B		0	W	2:30- 4:40	LAB	LINFORD	FZ 120	
1870	BIOL	384	1 F	5	DAILY	8:40-10:50	GENERAL ECOLOGY	STAFF	FZ 304	
1871	BIOL	385	1 F	1	T-H	2:30- 5:50	GEN ECOLOGY LAB	STAFF	FZ 314	
BOTANY										
1872	BOT	LS 110	1 S	5	DAILY	12:10- 1:10	*ELEMENTARY	BOYLE	P 202	
1873	BOT	110A		0	M W F	1:20- 4:40	LAB	BOYLE	P 102	
1874	BOT	420	1 F	5	MTW	9:50-11:30	*TAX VAS PLANTS	HOLMGREN	P 202	
1875	BOT	420A	0	MTW		2:30- 5:50	LAB	HOLMGREN	P 102	
1876	BOT	589	1 Q	1	M W F	11:00-12:00	SCIENCE COLLOQUIUM	STAFF	FZ 302	
1877	BOT	589	2 Q	2	M W F	11:00-12:00	SCIENCE COLLOQUIUM	STAFF	FZ 302	
1878	BOT	685	1 Q	ARR	ARR	ARR	*SPECIAL PROBLEMS	STAFF	ARR	
1879	BOT	697	1 Q	ARR	ARR	ARR	*THESIS RESEARCH	STAFF	ARR	
1880	BOT	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR	
1881	BOT	797	1 Q	ARR	ARR	0:00- 0:00	*DISS RESEARCH	STAFF	ARR	
1882	BOT	799	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR	
CHEMISTRY										
1883	CHEM	PS 111	1 F	5	DAILY	7:30- 9:40	GENERAL	CANNON	W 205	
1884	CHEM	PS 112	1 S	5	DAILY	7:30- 9:15	GENERAL	LEE	W 205	
1885	CHEM	112A		0	M W	12:30- 3:30	LAB	LEE	W 201	
1886	CHEM	331	1 F	4	MTW	7:30- 9:15	ORGANIC	VAN ORDEN	W 109	
1887	CHEM	331A		0	T-H	12:30- 4:30	LAB	VAN ORDEN	W 102	
1888	CHEM	332	1 S	4	MTW	7:30- 9:15	ORGANIC	VAN ORDEN	W 109	
1889	CHEM	332A		0	T-H	12:30- 4:30	LAB	VAN ORDEN	W 102	
1890	CHEM	498	1 Q	ARR	ARR	ARR	UNDERGRAD RES PROB	STAFF	ARR	
1891	CHEM	589	1 Q	1	M W F	11:00-12:00	SCIENCE COLLOQUIUM	STAFF	FZ 302	
1892	CHEM	589	2 Q	2	M W F	11:00-12:00	SCIENCE COLLOQUIUM	STAFF	FZ 302	
1893	CHEM	709	1 Q	3	M W F	9:50-10:50	SPEC TOPICS PHYS	SINCLAIR	W 205	
1894	CHEM	797	1 Q	ARR	ARR	ARR	RESEARCH	STAFF	ARR	
GEOLOGY										
1895	GEOL	PS 101	1 F	5	MTW	7:30- 9:40	INTRO GEOLOGY	OAKS	M 255	
1896	GEOL	101A		0	F	7:30- 8:30	LAB	OAKS	M 38	
1897	GEOL	101B		0	F	8:40- 9:40	LAB	OAKS	M 38	
1898	GEOL	490	1 F	ARR	ARR	ARR	*SPECIAL PROBLEMS	OAKS	ARR	

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SCHEDULE BULLETIN SUMMER 1971

COLLEGE OF SCIENCE

C O U R S E

I N C E X	DEPT.	N U M B E R	S S E S S I O N S	C R E D I T	DAY	TIME	COURSE-TITLE	INSTRUCTOR	LOCATION
GEOLOGY									
1899	GEOL	589	1 Q	1	M W F	11:00-12:00	SCIENCE COLLOQUIUM	STAFF	FZ 302
1900	GEOL	589	2 Q	2	M W F	11:00-12:00	SCIENCE COLLOQUIUM	STAFF	FZ 302
1901	GEOL	697	1 F	ARR	ARR	ARR	*THESIS	OAKS	ARR
1902	GEOL	699	1 Q	ARR	ARR	ARR	CUNT GRAD ADVISE	STAFF	ARR
MATHEMATICS									
1903	MATH	PS 101	1 Q	3	DAILY	7:30- 8:30	*INTRO CCL ALGEBRA	STAFF	EC 103
1904	MATH	PS 105	1 Q	5	DAILY	11:00-12:00	*COLLEGE ALGEBRA	STAFF	EC 103
1905	MATH	PS 106	1 F	3	DAILY	8:40- 9:40	*PLANE TRIGONOMETRY	STAFF	EC 302
1906	MATH	PS 220	1 Q	5	DAILY	8:40- 9:40	*ANAL GEOM & CALC	STAFF	B 315
1907	MATH	221	1 Q	5	DAILY	9:50-10:50	*ANAL GEOM & CALC	STAFF	EC 103
1908	MATH	222	1 Q	5	DAILY	11:00-12:00	*ANAL GEOM & CALC	STAFF	EC 105
1909	MATH	223	1 Q	5	DAILY	8:40- 9:40	*ANAL GEOM & CALC	STAFF	B 317
1910	MATH	242	1 Q	5	DAILY	9:50-10:50	*INTRO MATH ANALYSIS	STAFF	B 315
1911	MATH	301	1 F	5	DAILY	1:30- 3:20	MATH ELEM TEACHER	HAMMOND	EC 306
1912	MATH	324	1 Q	3	MT-HF	11:00-12:00	**ORDINARY DIFF EQS	CANNON	EC 302
1913	MATH	384	1 Q	3	MT-HF	8:40- 9:40	(MATH INSTITUTE JUNE 21-AUGUST 13) **NUMBER THEORY	ELICH	EC 105
1914	MATH	423	1 Q	4	DAILY	7:30- 8:30	(MATH INSTITUTE JUNE 21-AUGUST 13) **ADV CALCULUS	WINDHAM	EC 302
1915	MATH	423	2 Q	4	DAILY	7:30- 8:30	(MATH INSTITUTE JUNE 21-AUGUST 13) **ADV CALCULUS	HUNSAKER	EC 105
1916	MATH	491	1 Q	2	T H	9:50-10:50 8:40- 9:40	(MATH INSTITUTE JUNE 21-AUGUST 13) **READ AND CONFER	WINDHAM	EC 105 EC 105
1917	MATH	511	1 Q	3	MT-HF	1:20- 2:20	(MATH INSTITUTE JUNE 21-AUGUST 13) **METRIC GEOMETRY	VALENTINE	EC 105
1918	MATH	511	2 Q	3	MT-HF	1:20- 2:20	(MATH INSTITUTE JUNE 21-AUGUST 13) **METRIC GEOMETRY	WINDHAM	EC 302
1919	MATH	561	1 F	3	DAILY	9:50-10:50	(MATH INSTITUTE JUNE 21-AUGUST 13) *NUMERICAL METHODS	WATSON	EC 302
1920	MATH	561	1 Q	3	M WHF	9:50-10:50	*NUMERICAL METHODS	EASTMAN	EC 105
1921	MATH	589	1 Q	1	M W F	11:00-12:00	(MATH INSTITUTE JUNE 21-AUGUST 13) SCIENCE COLLOQUIUM	STAFF	FZ 302
1922	MATH	589	2 Q	2	M W F	11:00-12:00	SCIENCE COLLOQUIUM	STAFF	FZ 302
1923	MATH	591	1 Q	3	ARR	ARR	**READ AND CONFER	ELICH	ARR
1924	MATH	697	1 Q	ARR	ARR	ARR	THESIS	STAFF	ARR
1925	MATH	698	1 Q	ARR	ARR	ARR	RESEARCH CONSULT	STAFF	ARR
1926	MATH	699	1 Q	ARR	ARR	ARR	CUNT GRAD ADVISE	STAFF	ARR
PHYSICS									
1927	PHYX	100	1 Q	3	M W F	9:50-10:50	SOLAR SYSTEM	LIND	EC 107
1928	PHYX	PS 101	1 Q	5	DAILY	11:00-12:00	INTRODUCTORY PHYX	JENSEN	EC 107
1929	PHYX	PS 108	1 Q	3	M W F	2:30- 3:30	STARS AND GALAXIES	MILLER	EC 107
1930	PHYX	PS 120	1 Q	5	MT-HF	1:20- 2:20	GENERAL PHYX	JENSEN	EC 107
1931	PHYX	120A		0	ARR	ARR	LAB	JENSEN	EL 101
1932	PHYX	PS 221	1 Q	5	M W F	8:40- 9:40	GEN PHYX SCIENCE	EDWARDS	EC 103
1933	PHYX	221A		0	ARR	ARR	LAB	MILLER	ARR
1934	PHYX	PS 222	1 Q	5	M W F	8:40- 9:40	GENERAL PHYX SCIENCE	MILLER	EC 107
1935	PHYX	222A		0	ARR	ARR	LAB	MILLER	ARR
1936	PHYX	391	1 Q	1	ARR	ARR	SELECTED READING	LIND	ARR
1937	PHYX	589	1 Q	1	M W F	11:00-12:00	SCIENCE COLLOQUIUM	STAFF	FZ 302
1938	PHYX	589	2 Q	2	M W F	11:00-12:00	SCIENCE COLLOQUIUM	STAFF	FZ 302
1939	PHYX	674	1 Q	3	M W F	8:40- 9:40	INTRC QUANT MECH	STAFF	EL 111
1940	PHYX	699	1 Q	ARR	ARR	ARR	CUNT GRAD ADVISE	STAFF	ARR
1941	PHYX	781	1 Q	ARR	ARR	ARR	SEMINAR	STAFF	ARR
1942	PHYX	797	1 Q	ARR	ARR	ARR	DISS RESEARCH	STAFF	ARR
1943	PHYX	799	1 Q	ARR	ARR	ARR	CUNT GRAD ADVISE	STAFF	ARR
ZOOLOGY									
1944	ZOOL	LS 160	1 Q	5	M W F	11:00-12:00	GENERAL ZOOLOGY	GUNNELL	FZ 206
1945	ZOOL	160A		0	M W	1:20- 2:20	LAB	STAFF	FZ 14
1946	ZOOL	567	1 Q	5	MT-HF	1:20- 2:20	ELEM GF HISTOLOGY	BAHLER	FZ 304
1947	ZOOL	567A		0	W	2:30- 3:30	LAB	STAFF	FZ 203
1948	ZOOL	589	1 Q	1	M W F	11:00-12:00	SCIENCE COLLOQUIUM	STAFF	FZ 302
1949	ZOOL	589	2 Q	2	M W F	11:00-12:00	SCIENCE COLLOQUIUM	STAFF	FZ 302
1950	ZOOL	691	1 Q	ARR	ARR	ARR	**SPECIAL PROBLEMS	STAFF	ARR
1951	ZOOL	697	1 Q	ARR	ARR	ARR	**THESIS RESEARCH	STAFF	ARR
1952	ZOOL	699	1 Q	ARR	ARR	ARR	CUNT GRAD ADVISE	STAFF	ARR
ENTOMOLOGY									
1953	ENT	LS 129	1 F	5	DAILY	12:10- 1:10	GEN ENTOMOLGY	HANSON	FZ 113
1954	ENT	129A		0	M W F	1:20- 4:40	LAB	HANSON	FZ 230
1955	ENT	692	1 Q	ARR	ARR	ARR	**SPECIAL PROBLEMS	STAFF	ARR
1956	ENT	697	1 Q	ARR	ARR	ARR	**THESIS RESEARCH	STAFF	ARR

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SCHEDULE BULLETIN SUMMER 1971

COLLEGE OF SCIENCE

C O U R S E

I N C E X	DEPT.	N	S	C	DAY	TIME	COURSE-TITLE	INSTRUCTOR	LOCATION
		U	S	R					
		M	E	E					
		B	C	D					
		E	T	O					
R	I	I							
		O	N	S					
ENTOMOLOGY									
1957	ENT	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR
PHYSIOLOGY									
1958	PHYSL	103	1 Q	3	M W	8:40- 9:40	HUMAN ANATOMY	LINFORD	FZ 113
1959	PHYSL	103A		0	M W	9:50-10:50	LAB	LINFORD	FZ 203
1960	PHYSL	LS 130	1 Q	5	DAILY	8:40- 9:40	HUMAN PHYSIOLOGY	BAHLER	FZ 206
1961	PHYSL	130A		0	T	2:30- 5:20	LAB	STAFF	FZ 320
1962	PHYSL	130B		0	H	2:30- 5:40	LAB	STAFF	FZ 320
1963	PHYSL	693	1 Q	ARR	ARR	ARR	**SPECIAL PROBLEMS	STAFF	ARR
1964	PHYSL	697	1 Q	ARR	ARR	ARR	**THESIS RESEARCH	STAFF	ARR
1965	PHYSL	699	1	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR

SCHEDULE BULLETIN SUMMER 1971

EVENING COURSES

C O U R S E

I N C E X	DEPT.	N U M B E R	S S C S T I O N S	C R E D I T	DAY	TIME	COURSE-TITLE	INSTRUCTOR	LOCATION
1689	MUSIC	335	1 F	ARR	DAILY	5:30- 6:30PM	OPERA STAGE & PROD	SIMMONS	FA 214
1690	MUSIC	335	1 S	ARR	DAILY	5:30- 6:30PM	OPERA STAGE & PROD	SIMMONS	FA 214
1708	MUSIC	635	1 F	ARR	DAILY	5:30- 6:30PM	CPERA WORKSHOP	SIMMONS	FA 214
1709	MUSIC	635	1 S	ARR	DAILY	5:30- 6:30PM	CPERA WORKSHOP	SIMMONS	FA 214

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Guide to Campus Map

1. Main Building, G-11
2. Amphitheater, H-13
3. Mechanical Arts, H-13
4. Technical Services, G-14
5. Psychology Laboratory, G-14
6. Education, G-13
7. Family Life, F-14
8. Merrill Library, E-13
9. Eccles Business Building, E-13
10. Lund Hall, Athletic Dorm, E-14
11. Moen Hall, Girls' Dorm, E-14
12. Greaves Hall, Girls' Dorm, D-14
13. Reeder Hall, Girls' Dorm, D-14
14. Merrill Hall, Girls' Dorm, D-14
15. Engineering, D-13
16. Chase Fine Arts Center, C-14
17. LDS University Stake Center, B-13
18. Continuing Education Center, B-14
19. Water Research Lab, A-15
20. Stores - Receiving, B-13
21. Crops Research Center, C-14
22. Technology, D-12
23. USDA Research Lab, D-12
24. Agriculture Research Lab, D-12
25. Food Science and Tech., D-12
26. Computer Center, D-12
27. Physical Plant Shops, D-11
28. Industrial Science, D-11

29. Physical Plant Shops, D-11
30. Physical Plant Center, D-10
31. Physical Plant Shop, D-10
- * 32. Veterinary Science & Bacteriology, E-10
33. Forestry-Zoology, E-10
34. Peterson Agricultural Science Building, E-12
35. Photography, E-12
36. Greenhouses, E-12
37. Plant Industry, E-12
38. Animal Industry, F-11
39. Widdsoe Chemistry Building, F-10
40. University Center, F-9
41. Nelson Fieldhouse, F-8
42. Military and Aerospace Sciences, E-9
43. Art Barn, E-9
44. Physical Education, E-9
45. Tennis Courts, C-9
46. Bowen Elementary Lab School, D-10
- * 47. Special Education, D-9
48. High Rise Service Center, C-10
49. High Rise Dorms, C-10
50. Richards Hall, Men's Dorm, C-11
51. Bullen Hall, Men's Dorm, C-11
- 51A. Housing Office, C-11
52. Radio-TV Center, B-11
53. Forestry Research Lab, B-10
54. LDS University Stake Center, A-9
55. McKay Housing Center, A-8

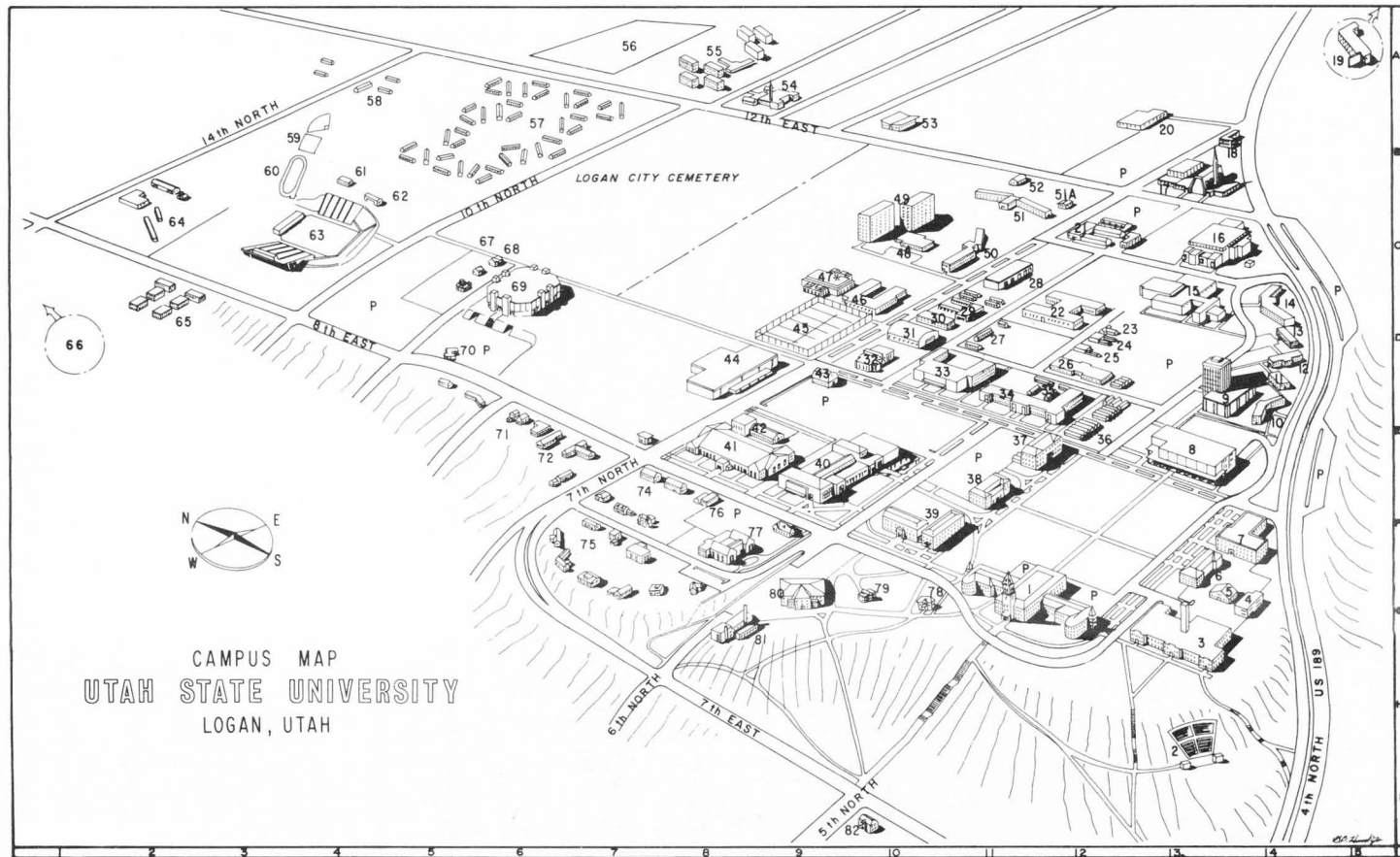
56. University Trailer Court, A-7
57. University Apartments, (Triads), B-6
58. Veterinary Science Buildings, A-5
59. Baseball Diamond, B-4
60. Maughan Track Stadium, B-4
61. Agricultural Museum, C-4
62. Metabolism Building, C-5
63. Romney Stadium, C-4
64. Car Pool, Garage, C-2
65. VanNoy Apartments, D-2
66. Research Farms, D-1
67. Alumni House, C-5
68. Credit Union, C-5
69. Assembly Center, D-6
70. Sorority House, D-5
71. Catholic Newman Center, F-6
72. Fraternity, Sorority Houses, F-6
73. Visitor Information Center, F-7
74. Sorority Houses, F-7
75. Sorority House, G-7
76. Recreation, Intramural Activities, F-8
77. LDS Institute, G-8
78. University Relations, G-10
79. President's Residence, G-10
80. Smart Gymnasium, G-9
81. Heating Plant, G-8
82. Home Management House, I-10
- * Under construction

Alphabetical Listing of Buildings and Offices

Admissions and Records, G-11 (1)
 Agricultural Museum, C-4 (61)
 Agriculture Research Lab, D-12 (24)
 Agricultural Science, E-12 (34)
 Alumni House, C-5 (67)
 Alumni Office, G-11 (1)
 Amphitheater, H-13 (2)
 Animal Industry, F-11 (38)
 Art Barn, E-9 (43)
 Art Gallery (Library), E-13 (8)
 Assembly Center, D-6 (69)
 Athletic Department, F-8 (41)
 Bookstore, UC, F-9 (40)
 Business, E-13 (9)
 Cafeteria, UC, F-9 (40)
 Campus Police, D-10 (30)
 Cashier's Office, G-11 (1)
 Chemistry, F-10 (39)
 College of
 Agriculture, E-12 (34)
 Business, E-13 (9)
 Education, G-13 (6)
 Engineering, D-13 (15)
 Family Life, F-14 (7)
 Humanities, Arts, Social Sciences, G-11 (1)
 Natural Resources, E-10 (33)
 Science, E-10 (33)
 Computer Center, D-12 (26)
 Conference and Institute Division, F-9 (40)
 Continuing Education Center, B-14 (18)
 Credit Union, C-5 (68)
 Crops Research Center, C-14 (21)
 Distribution Office, E-10 (78)
 Extension Services, E-10 (32)

Fieldhouse, F-8 (41)
 Fine Arts Center, C-14 (16)
 Food Science and Tech., D-12 (25)
 Foreign Student Advisor, F-9 (40)
 Forestry Research Lab, B-10 (53)
 Forestry-Zoology, E-10 (33)
 Greenhouses, E-12 (36)
 Gymnasium, G-9 (80)
 Heating Plant, G-8 (81)
 Home Management House, I-10 (82)
 Housing Office (University), G-11 (51A)
 Housing Office (Married Students), A-7 (56)
 Housing
 Bullen Hall, C-11 (51)
 Fraternities, F-6 (72)
 Greaves Hall, D-14 (12)
 High Rise Dorms, C-10 (49)
 Service Center, C-10 (48)
 Lund Hall, E-14 (10)
 McKay Center, A-8 (55)
 Merrill Hall, D-14 (14)
 Moen Hall, E-14 (11)
 Reeder Hall, D-14 (13)
 Richards Hall, C-11 (50)
 Sororities, D-5, F-6, F-7, G-7 (70, 72, 74, 75)
 University Apartments (Triads), B-6 (57)
 University Trailer Court, A-7 (56)
 VanNoy Apartments, D-2 (65)
 Industrial Science, D-11 (27)
 Information Services, G-10 (78)
 Laboratory School, D-10 (16)
 LDS Institute, G-8 (77)
 LDS University Stake Centers, B-13, A-9 (17, 54)
 Library, E-13 (8)

Main (Old Main), G-11 (1)
 Mechanic Arts, H-13 (3)
 Metabolism, C-5 (62)
 Military, Aerospace Science, E-9 (42)
 Motor Pool, C-2 (64)
 Newman Center, F-6 (71)
 Peace Center, E-13 (8)
 Photography, E-12 (35)
 Physical Education, E-9 (44)
 Physical Plant, D-10, D-11 (27, 29, 30, 31)
 Plant Industry, E-12 (37)
 President's Office, G-11 (1)
 President's Residence, G-10 (79)
 Psychology Laboratory, G-14 (5)
 Recreation, Intramurals, F-8 (76)
 Research Farms, D-1 (66)
 Radio-TV Center, B-11 (52)
 Stadium, C-4 (63)
 Stores-Receiving, B-13 (20)
 Student Body Offices, F-9 (40)
 Student Services, G-11 (1)
 Summer Quarter, G-11 (1)
 Technical Services, G-14 (4)
 Tennis Courts, C-9 (45)
 Ticket Office, F-9 (40)
 Track Stadium, B-4 (60)
 USDA Research Lab, D-12 (23)
 University Center, F-9 (40)
 University Relations, G-10 (78)
 Veterinary Science Research, A-5 (58)
 Veterinary Science and Bacteriology, E-10 (32)
 Visitor Information Center, F-7 (73)
 Water Research Lab, A-15 (19)



BUILDING ABBREVIATIONS

AB	Art Barn	IS	Industrial Science
Ag S	Agricultural Science	L	Library
An Sc	Animal Science	M	Main
B	Business	MA	Mechanical Arts
CSC	Computer Science Center	MS	Military Science
EB	Edith Bowen	P	Plant Industry
EC, EL	Engineering	RB	Recreation Building
Ed	Education	SHC	Speech Hearing Center
FA	Fine Arts	T	Technology
FH	Fieldhouse	TC, TG	Temporary
FL	Family Life	UC	University Center
FZ	Forestry Zoology	VS	Veterinary Science
HPER	Physical Education	W	Widtsoe Chemistry

USU DIRECTORY

Admissions and Records, Office of – 104 Main
 Agriculture, College of – 223A Ag Science
 Air Force ROTC – Military Science Building
 Alumni Office – Alumni House
 Army ROTC – Military Science Building
 Athletics, Director of – Fieldhouse
 Bookstore – University Center Basement
 Business, College of – 202 Business
 Cafeteria – University Center
 Cashier – 16 Main
 Creamery – 108 Animal Science
 Dean of Admissions and Records – 104 Main
 Dean of Students – 102 Main
 Dean of Women – 220 University Center
 Education, College of – 201 Education
 Engineering, College of – C 110B Engineering

Family Life, College of – 201 Family Life
 General Registration – 12 Main
 Graduate Studies, School of – 132 Main
 Housing Office – 1151 East 7th North
 Humanities, Arts and Social Sciences,
 College of – 131 Main
 Information – University Center Lounge
 Natural Resources, College of – 106 FZ
 President's Office – 116 Main
 Publications, Student – University Center
 Purchasing Agent – 21 Main
 Science, College of – 101 FZ
 University Center Manager – Univ. Center
 Studentbody offices – University Center
 Teacher Placement Bureau – 310
 University Center

COLLEGE CODE

- 0 - General Registration
- 1 - Agriculture
- 2 - Business
- 3 - Education
- 4 - Engineering
- 5 - Family Life
- 6 - Humanities and Arts
- 7 - Natural Resources
- 8 - Science
- 9 - Social Sciences

DEPARTMENTS, DEPARTMENTAL SUBDIVISIONS, MAJORS, AND THEIR CODES

Coll. Code	Major Code		Dept. Abbv.	Coll. Code	Major Code		Dept. Abbv.
0	010	GENERAL REGISTRATION	G REG	3	300	COMMUNICATIVE DISORDERS	COM D
				3		EDUCATION	
1	100	AGRICULTURE - GENERAL		3	311	Curric. Deev. & Supv.	
1	105	AGRICULTURAL ECONOMICS	AG EC	3	312	Educational Admin.	Ed. Ad.
1	110	AGRICULTURAL EDUCATION	AG ED	3	314	Elementary Education	El. Ed.
1	120	ANIMAL SCIENCE	ANSCI	3	315	Instructional Media	IM
1	130	DAIRY SCIENCE	DYSCI	3	316	Secondary Education	SecEd
1	135	Dairy Production		3	318	Special Education	Sp.Ed.
1	150	FOOD SCIENCE & INDUSTRIES	FS I	3		HEALTH, PHYS., EDUC., & RECR	HPER
1	*153	Food Science & Tech.		3	322	Health Education	
1	*155	Nutrition		3	324	Physical Education	
				3	326	Recreation Education	
				3	350	PSYCHOLOGY	PSY
1	170	PLANT SCIENCE	PLSCI	4		AGRICULTURAL & IRRIG. ENGR. AE	
1	173	Agronomy		4	403	Agricultural Engineering	
1	175	Horticulture		4	406	Irrigation Engineering	
1	*179	Ecology		4	408	Irrigation Science	
1		SOILS & METEOROLOGY		4	410	CIVIL ENGINEERING	CE
1	181	Soils	SOILS	4	420	ELECTRICAL ENGINEERING	EE
1	182	Soils & Irrigation		4	430	GENERAL ENGINEERING	GE
1	185	Meteorology	MET	4		INDUSTRIAL & TECHNICAL EDUC. ITE	
1	187	Bio Meteorology		4	441	Industrial Teach Educ.	
1	*189	Ecology		4	444	Industrial Technology	
1	190	VETERINARY SCIENCE	V SCI	4	447	Technical Education	
1	*195	Toxicology					
2	200	ACCOUNTING	ACCTG	4	450	MANUFACTURING ENGINEERING MFGE	
2	*220	BUSINESS ADMINISTRATION	BA	4	460	MECHANICAL ENGINEERING	ME
2	221	Finance		4	464	Chemical Engineering	
2	223	Marketing					
2	225	Pers. & Indust. Relat.		5	510	CLOTHING & TEXTILES	CT
2	227	Production Management					
2		BUSINESS EDUCATION	BE	5		FAMILY & CHILD DEVELOPMENT FCD	
2	231	Business Education		5	522	Child Development	
2	233	Distributive Education		5	524	Family Relations	
2	235	Office Administration		5	530	FOOD & NUTRITION	FN
2	237	Office Admin. & Fam. Life		5	*533	Food Science & Tech.	
2	250	ECONOMICS	ECON	5	*536	Nutrition	
2	270	AEROSPACE STUDIES	AS	5	550	GENERAL FAMILY LIFE	
2	280	MILITARY SCIENCE	MS	5	555	Family Life & Office Admin.	
				5	570	HOME ECONOMICS EDUCATION	HEcEd
				5	580	HOUSEHOLD ECONOMICS & MGT. HEM	

*Majors for Graduate Students only

DEPARTMENTS, DEPARTMENTAL SUBDIVISIONS, MAJORS, AND THEIR CODES

Coll. Code	Major Code		Dept. Abbrev.	Coll. Code	Major Code		Dept. Abbrev.
6	600	ART	ART	8		APPLIED STAT. & COMPUTER SCI.	
				8	801	Applied Statistics	AP ST
6		ENGLISH & JOURNALISM		8	803	Computer Science	CS
6	611	American Studies					
6	613	English	ENGL.	8		BACTERIOLOGY & PUBLIC HEALTH	
6	615	Journalism	JOURN.	8	811	Bacteriology	BACT
6	617	Writing & Mass Communic.		8	813	Medical Technology	
6	619	Liberal Arts		8	815	Public Health	PUB H
6	620	HISTORY	HIST.	8	830	BOTANY	BOT
6	622	Geography		8	*832	Ecology	
6	624	Social Science					
6	628	LANDSCAPE ARCHITECTURE & ENVIRONMENTAL PLANNING	LAEP	8	840	CHEMISTRY	CHEM
				8	842	Biochemistry	
6		LANGUAGES & PHILOSOPHY	LANG	8	850	GEOLOGY	GEOL
6	632	French					
6	633	German		8	860	MATHEMATICS	MATH
6	638	Spanish		8	863	Mathematics Education	
6	639	Philosophy		8	866	Mathematical Statistics	
6	640	LIBERAL STUDIES		8	870	PHYSICS	PHYS
6	650	MUSIC		8	880	SCIENCE	
6	660	POLITICAL SCIENCE	PS	8	890	ZOOLOGY	ZOOL
6	662	Prelaw		8	*891	Ecology	
		SOCIOLOGY & SOCIAL WORK		8	892	Entomology	
				8	893	Nursing	
6	672	Anthropology		8	894	Physiology	
6	674	Sociology	SOC	8	895	Pre dental	
6	676	Social Work	SW	8	896	Pre medical	
				8	*899	Toxicology	
6	680	SPEECH	SPCH				
6	690	THEATRE ARTS	THART				

7		FOREST SCIENCE	FORSC	*Majors for Graduate Students only			
7	711	Forest Management					
7	714	Forest Recreation					
7	716	Forest Water MGT					
7	717	Forest Watershed Science					
7	718	Outdoor Recreation					
7	*719	Ecology					
7		RANGE SCIENCE	RANGE				
7	722	General Range Mgt.					
7	724	Forest Range Mgt.					
7	725	Range Watershed Mgt.					
7	726	Range Watershed Science					
7	728	Range Ecology					
7	*729	Ecology					
7		WILDLIFE RESOURCES	WLR				
7	733	Game Management					
7	736	Fishery Management					
7	*739	Ecology					



The Dairy Bar is a favorite stop for both students and faculty.

DETACH THE FORM BELOW. COMPLETE, AND MAIL.

DEAN OF ADMISSIONS

Please send appropriate forms to be completed for Admission to the 1969 Summer Quarter at Utah State University.

My academic standing is:

_____ Freshman _____ Junior

_____ Sophomore _____ Senior

_____ Graduate Student

Have you attended Utah State before? _____

If so, give last quarter and year _____

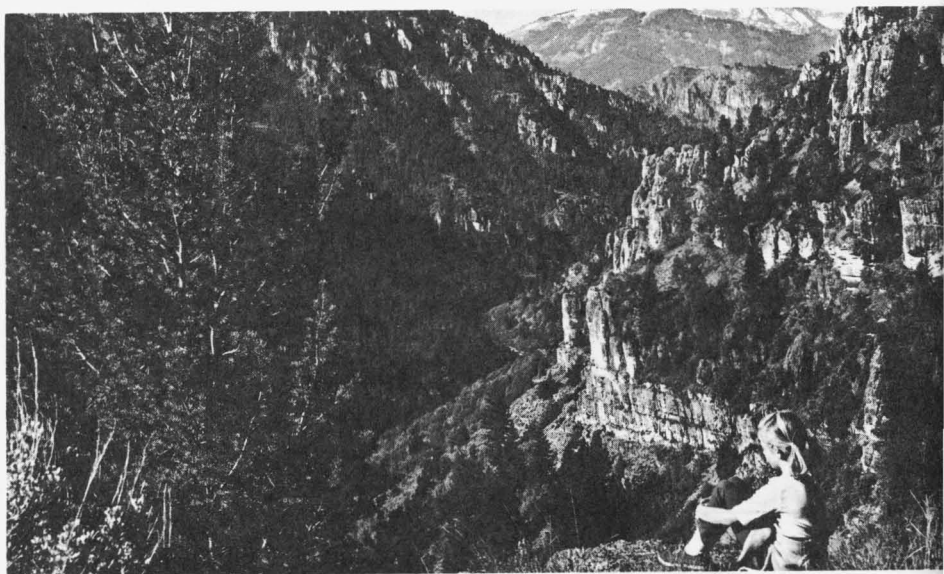
Name _____

Address _____

City _____ State _____ Zip _____



Summer Quarter students enjoy a relaxed and casual atmosphere.



Scenic Logan Canyon

Address _____

Please fill it in and keep for future reference.

[illegible]



SCHEDULE BULLETIN SUMMER 1971

COLLEGE OF BUSINESS

C O U R S E

I N D E X	DEPT.	N U M B E R	S S E S I O N	C R E D I T	DAY	TIME	COURSE-TITLE	INSTRUCTOR	LOCATION
ACCOUNTING									
1037	ACCTG	201	1 F	3	DAILY	11:00-12:00	INTRODUCTORY	CANNON	B 214
1038	ACCTG	202	1 F	3	DAILY	7:30- 8:30	INTRODUCTORY	PIERCE	B 216
1039	ACCTG	202	1 S	3	DAILY	11:00-12:00	INTRODUCTORY	CANNON	B 214
1040	ACCTG	203	1 S	3	DAILY	11:00-12:00	INTRODUCTORY	TEZAK	B 318
1041	ACCTG	305	1 F	4	DAILY	11:00-12:00	SURVEY PRIN	TEZAK	B 318
1042	ACCTG	479	1 Q	ARR	ARR	ARR	INTERNSHIP	STAFF	ARR
1043	ACCTG	501	1 F	3	DAILY	7:30- 8:30	ACCTG MGT CONT	CONDIE	B 214
1044	ACCTG	502	1 S	3	DAILY	7:30- 8:30	ACCTG MGT CONT	CONDIE	B 214
1045	ACCTG	542	1 Q	4	DAILY	9:50-10:50	INCCME TAX	CONDIE	B 214
1046	ACCTG	551	1 Q	4	DAILY	7:30- 8:30	AUDITING	CANNON	B 218
1047	ACCTG	561	1 Q	4	DAILY	11:00-12:00	ACCTG THEORY	PIERCE	B 216
1048	ACCTG	690	1 Q	ARR	ARR	ARR	IND READ AND RES	STAFF	ARR
1049	ACCTG	697	1 Q	ARR	ARR	ARR	THESIS	STAFF	ARR
1050	ACCTG	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	STAFF	ARR
BUSINESS ADMINISTRATION									
1051	BA	201	1 F	2	DAILY	9:50-10:50	BUSINESS LAW	THURMAN	B 211
1052	BA	202	1 S	2	DAILY	9:50-10:50	BUSINESS LAW	THURMAN	B 211
1053	BA	446	1 F	3	DAILY	8:40- 9:40	INVESTMENTS	RANDLE	B 214
1054	BA	448	1 F	3	DAILY	11:00-12:00	*SECURITY ANAL	RANDLE	B 311
1055	BA	451	1 F	3	DAILY	12:10- 1:10	*CONSUMER BEHAVIOR	WILLIAMS	B 214
1056	BA	454	1 S	4	DAILY	11:00-12:00	RETAILING	WILLIAMS	B 211
1057	BA	489	1 Q	5	M W F	1:20- 3:30	*BUSINESS POLICY	PAPENFUSS	B 214
1058	BA	490	1 Q	ARR	ARR	ARR	IND READING & RES	STAFF	ARR
1059	BA	501	1 Q	3	M W F	8:40- 9:40	SURVEY BUSINESS LAW	THURMAN	B 216
1060	BA	506	1 F	3	DAILY	9:50-10:50	*BUSINESS STAT	KARTCHNER A	B 216
1061	BA	507	1 S	3	DAILY	9:50-10:50	*BUSINESS STAT	KARTCHNER A	B 216
1062	BA	511	1 S	4	DAILY	12:10- 1:10	MGT CONCEPTS	TAYLOR	B 214
1063	BA	515	1 Q	5	DAILY	8:40- 9:40	*MANAGERIAL ACCTG	PIERCE	B 313
1064	BA	540	1 Q	5	DAILY	9:50-10:50	*CORP FINANCE	WALTON	B 218
1065	BA	550	1 Q	5	DAILY	7:30- 8:30	FUND OF MARKETING	WILLIAMS	B 313
1066	BA	560	1 Q	5	DAILY	11:00-12:00	PERSONNEL ADMIN	SHETTY	B 116
1067	BA	570	1 Q	5	DAILY	7:30- 8:30	*PRDUCTION	BUEHLER	B 318
1068	BA	606	1 S	3	DAILY	1:20- 2:20	*SEM SOCIAL RESPONSE	TAYLOR	B 216
1069	BA	613	1 F	3	DAILY	2:30- 3:30	*SEMINAR MGT THEORY	SHETTY	B 216
1070	BA	664	1 S	3	DAILY	2:30- 3:30	*SEM ORG BEHAVIOR	MECHAM	B 216
1071	BA	667	1 F	3	DAILY	1:20- 2:20	SEM LABOR RELATIONS	MARSTON	B 216
1072	BA	690	1 Q	ARR	ARR	ARR	IND READING & RES	STAFF	ARR
1073	BA	695	1 Q	3	M W F	9:50-10:50	*BUS RESEARCH METHOD	MECHAM	B 313
1074	BA	696	1 Q	3	ARR	ARR	*BUSINESS PROB I	STAFF	ARR
1075	BA	697	1 Q	ARR	ARR	ARR	THESIS	STAFF	ARR
1076	BA	699	1 Q	ARR	ARR	ARR	**CONT GRAD ADVISE	STAFF	ARR
BUSINESS EDUCATION									
1077	BE	111	1 F	2	DAILY	9:50-10:50	\$\$ELEMENTARY TYPE	BCSS	B 118-120
1078	BE	112	1 S	2	DAILY	9:50-10:50	\$\$INTERMEDIATE TYPE	BARTHOLOME	B 118-120
1079	BE	131	1 S	2	DAILY	11:00-12:00	\$\$BUSINESS MACHINES	HANSON	B 109
1080	BE	351	1 S	3	DAILY	8:40- 9:40	*BUS COMMUNICATION	HANSON	B 318
1081	BE	595	1 F	ARR	ARR	ARR	**INDEP READING	BARTHOLOME	B 718
1082	BE	595	1 S	ARR	ARR	ARR	**INDEP READING	IVARIE	B 711
1083	BE	611	1 F	1	DAILY	8:40- 4:00	W BE WORKSHOP (DE STATE)	WOOLF	B 209
						JUNE 7-11			
1084	BE	611	2 F	1	DAILY	8:40- 4:00	W BE WORKSHOP (GE STATE)	HANSON	B 215
						JUNE 7-11			
1085	BE	611	3 F	1	DAILY	1:20- 4:40	W BE WORKSHOP (TYPE)	WINGER	B 118-120
						JUNE 14-18			
1086	BE	611	1 S	1	DAILY	1:20- 4:40	W BE WORKSHOP (GE SIM)	HANSON	B 116-105
						AUG 9-13			
1087	BE	611	2 S	1	DAILY	1:20- 4:40	W BE WORKSHOP (GEN BUS)	LARSON	B 218
						AUG 16-20			
1088	BE	625	1 Q	6	ARR	ARR	**SUPERV WORK EXPR	IVARIE	ARR
1089	BE	661	1 S	3	DAILY	7:30- 8:30	ISSUES AND TRENDS	BOSS	B 107
1090	BE	665	1 S	3	DAILY	11:00- 2:20	ADULT PROGRAMS BE	WOOLF	B 107
						JULY 19-JULY 30			
1091	BE	671	1 F	3	DAILY	11:00- 2:20	IMPROVE INSTR DE	WOOLF	B 107
						JULY 6-JULY 16			
1092	BE	672	1 F	3	DAILY	8:40- 9:40	IMP INST BASIC BUS	BCSS	B 107
1093	BE	673	1 S	3	DAILY	11:00- 1:10	IMPROVE INST TYPE	BARTHOLOME	B 115
						AUG 2-20			
1094	BE	676	1 F	3	DAILY	11:00- 1:10	COOP PRG IN BE	WALLACE	B 107
						JUNE 14-JULY 2			
1095	BE	681	1 F	3	DAILY	7:30- 8:30	SEMINAR	WALLACE	B 107
1096	BE	695	1 F	ARR	ARR	ARR	**INDEP READING	BARTHOLOME	B 718
1097	BE	695	1 S	ARR	ARR	ARR	**INDEP READING	IVARIE	B 711
1098	BE	697	1 F	ARR	ARR	ARR	RESEARCH	BARTHOLOME	B 718
1099	BE	697	1 S	ARR	ARR	ARR	RESEARCH	IVARIE	B 711
1100	BE	699	1 Q	ARR	ARR	ARR	CONT GRAD ADVISE	BARTHOLOME	B 718

* INDICATES CLASSES REQUIRING PREREQUISITES

** SEE INSTRUCTOR

\$\$ CLASSES REQUIRING SPECIAL FEES

F = FIRST SESSION; S = SECCND SESSION; Q = QUARTER